

Program EVALPLOT
(Version 2018-1)

by

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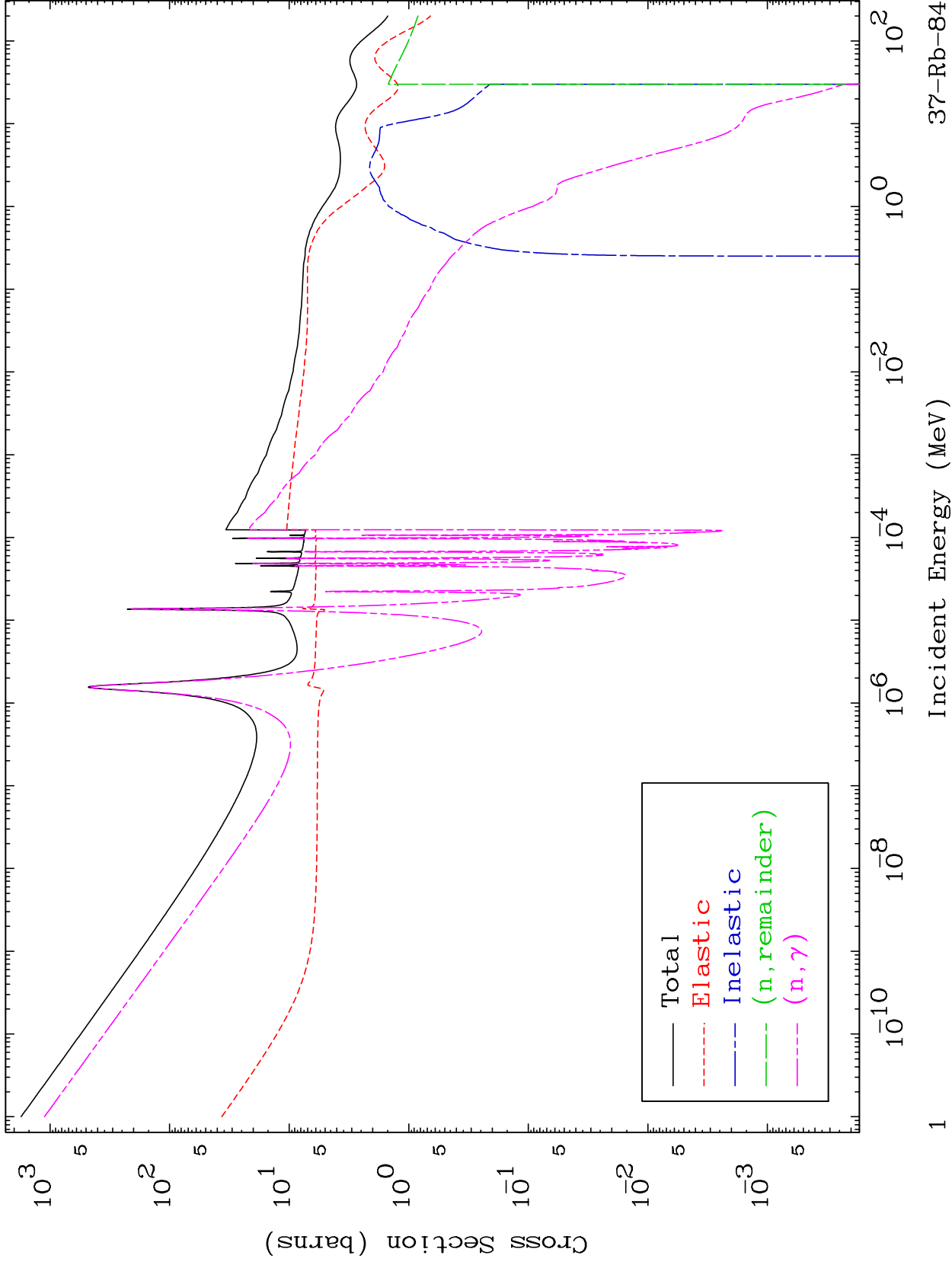
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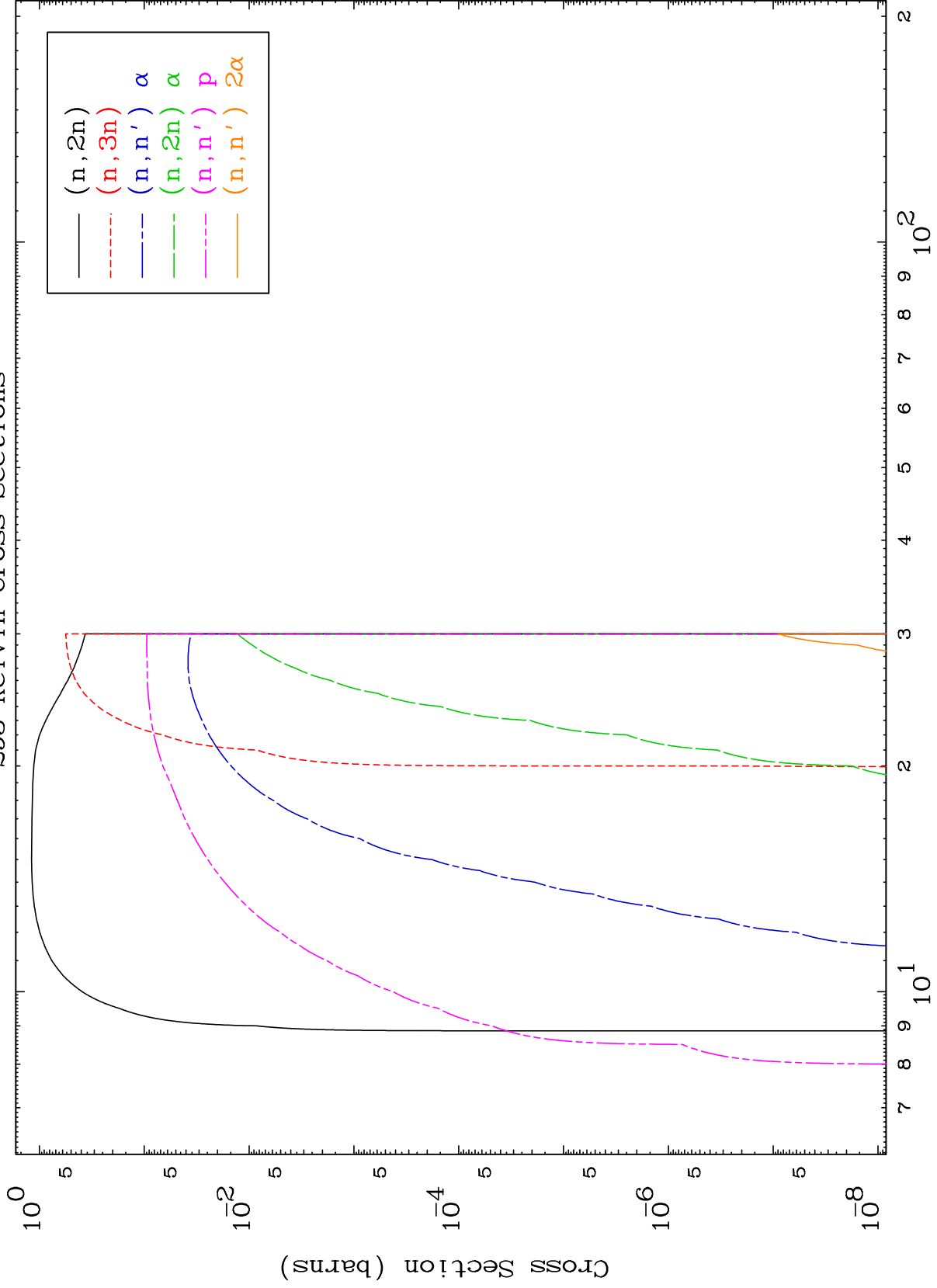
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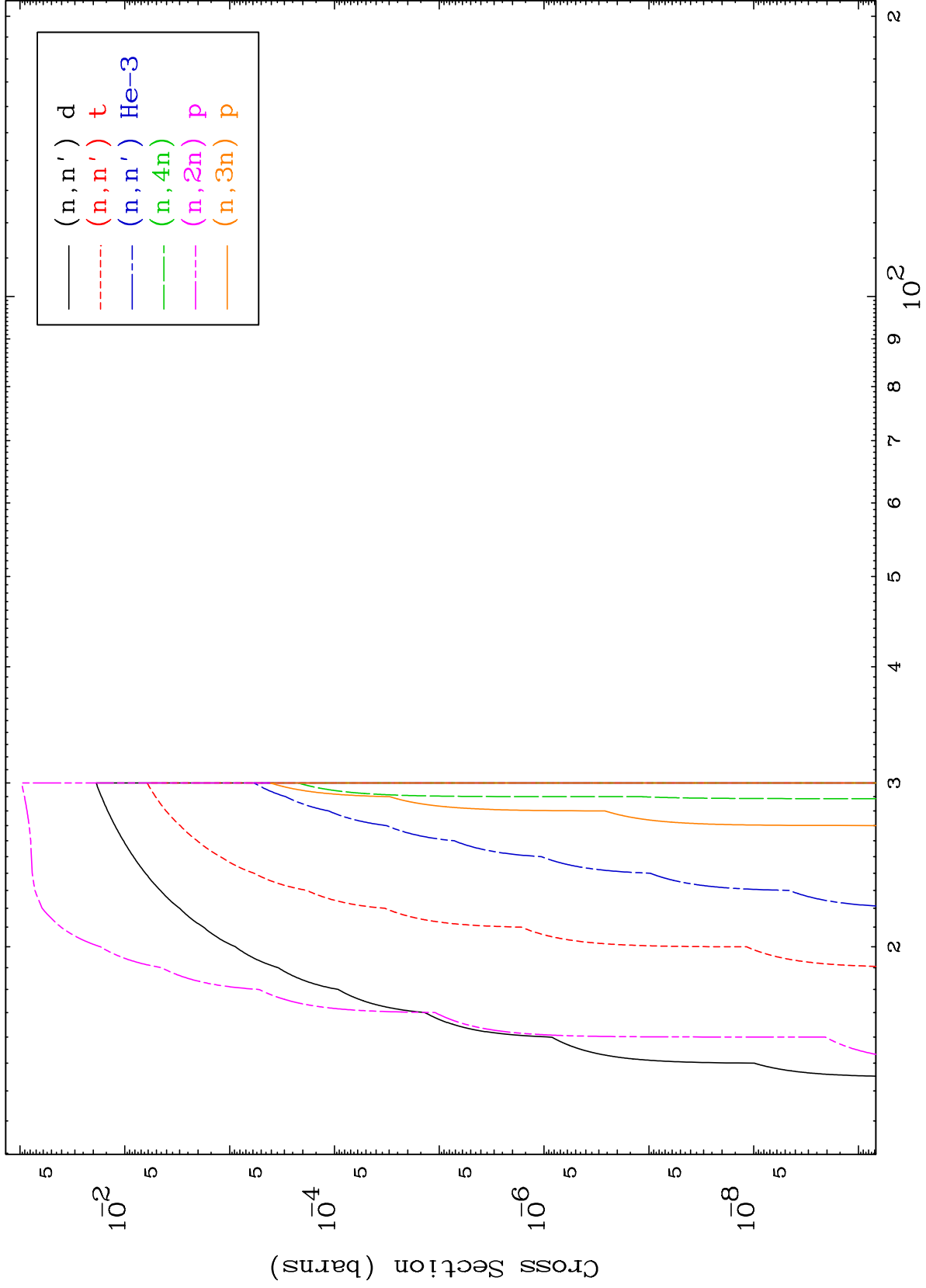
MAT 3722

Major
293 Kelvin Cross Sections

37-Rb-84



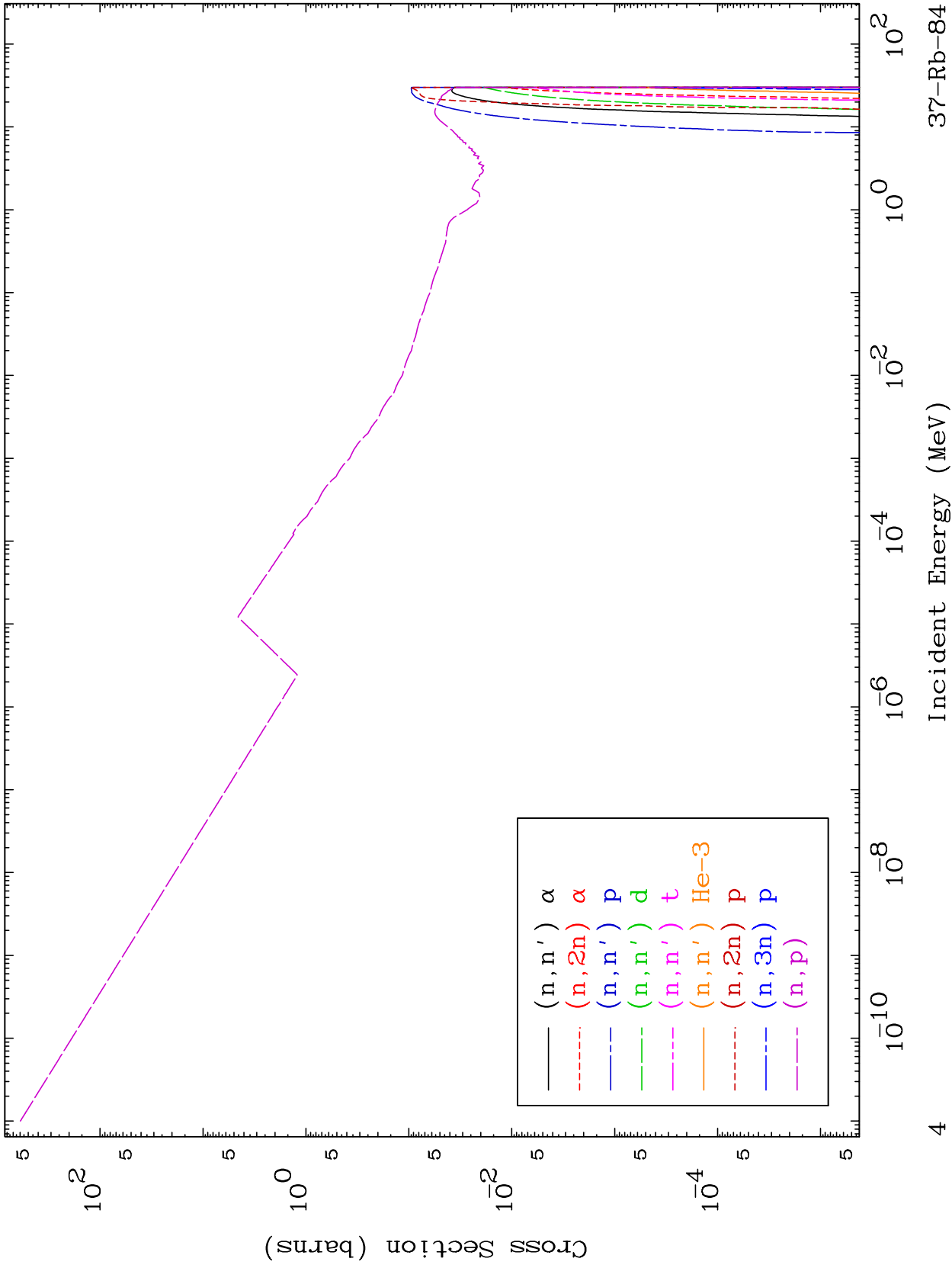


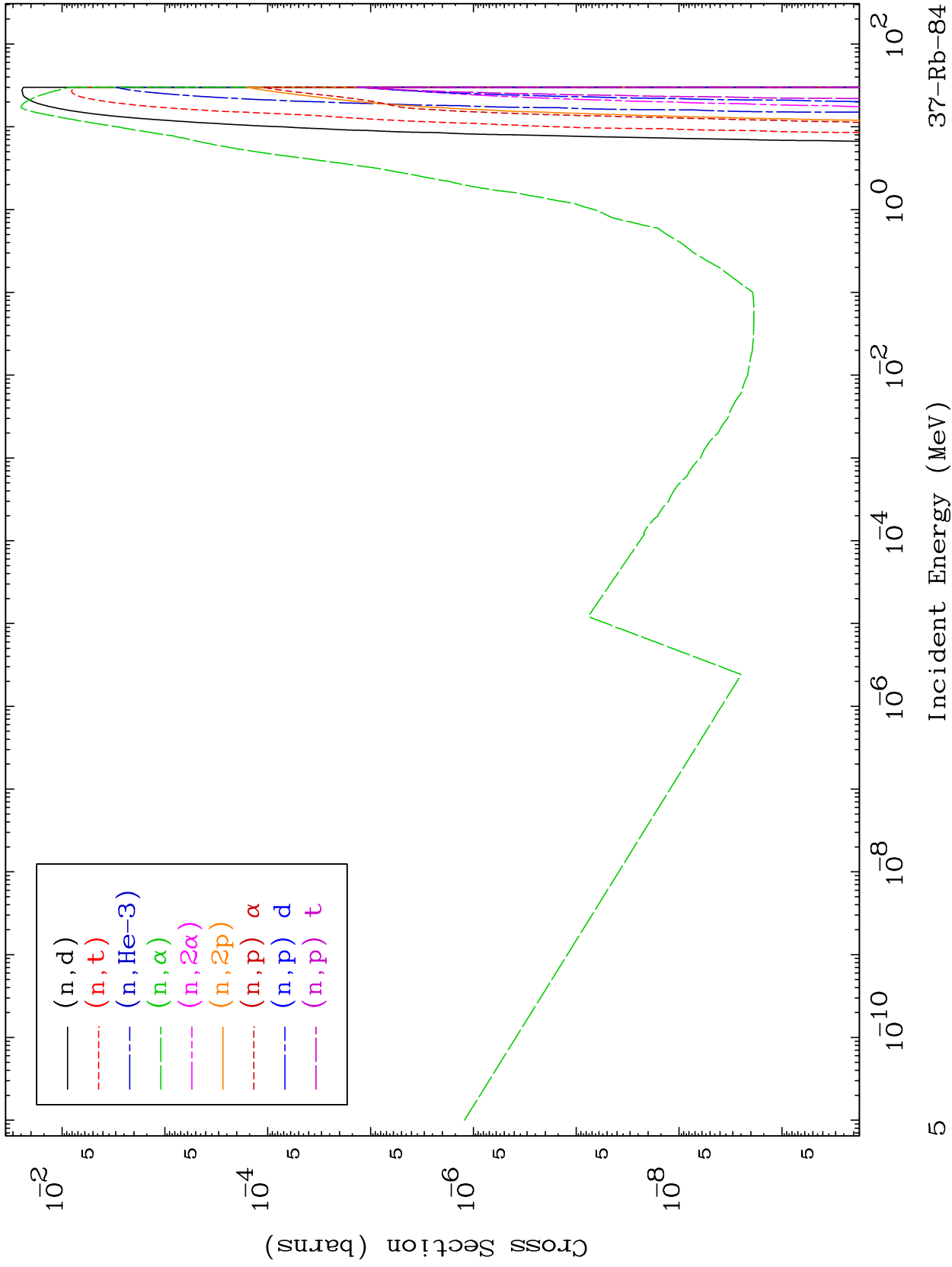


MAT 3722

Charged Particle
293 Kelvin Cross Sections

37-Rb-84

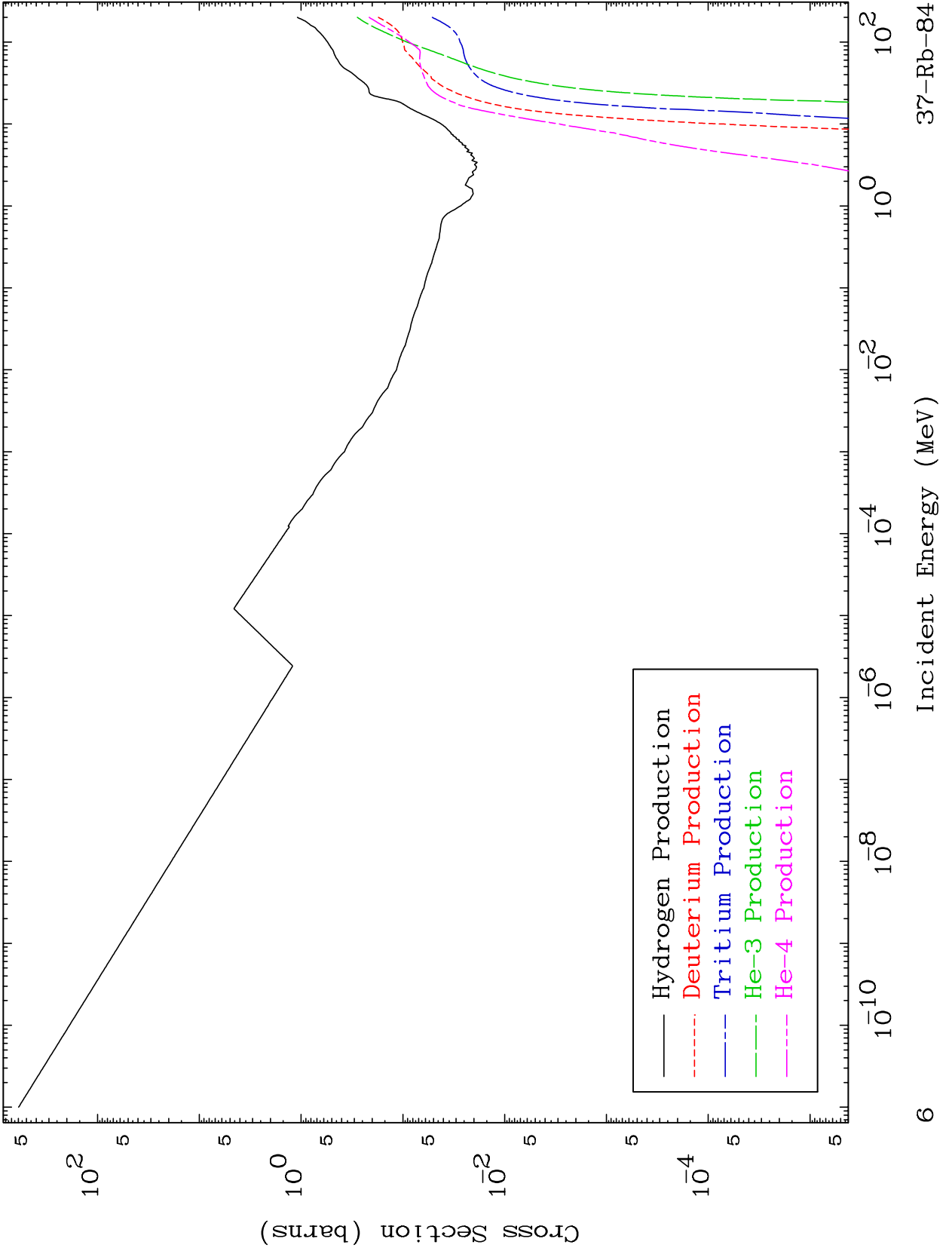




MAT 3722

Particle Production
293 Kelvin Cross Sections

37-Rb-84

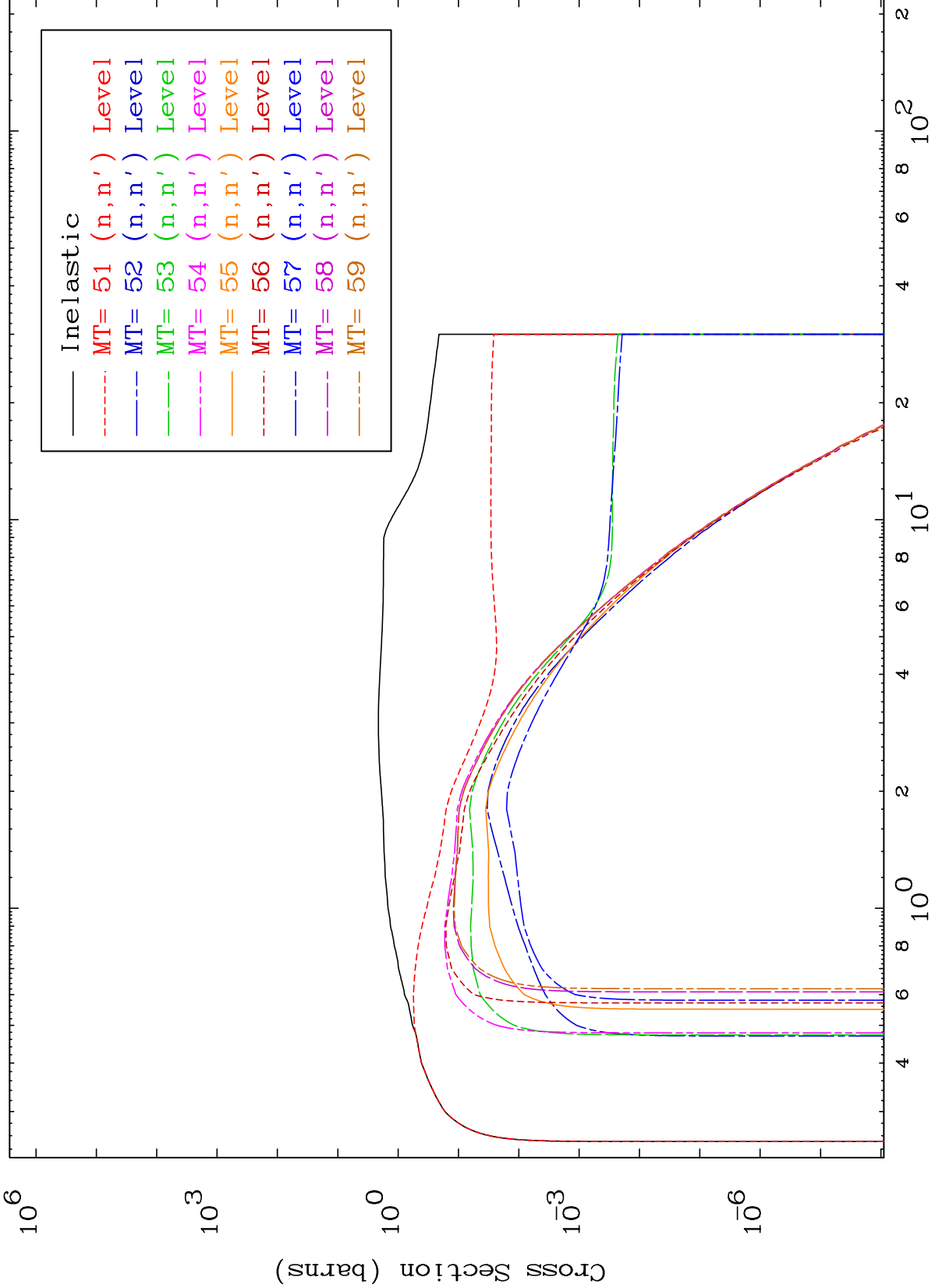


MAT 3722

(n,n') Level

293 Kelvin Cross Sections

37-Rb-84

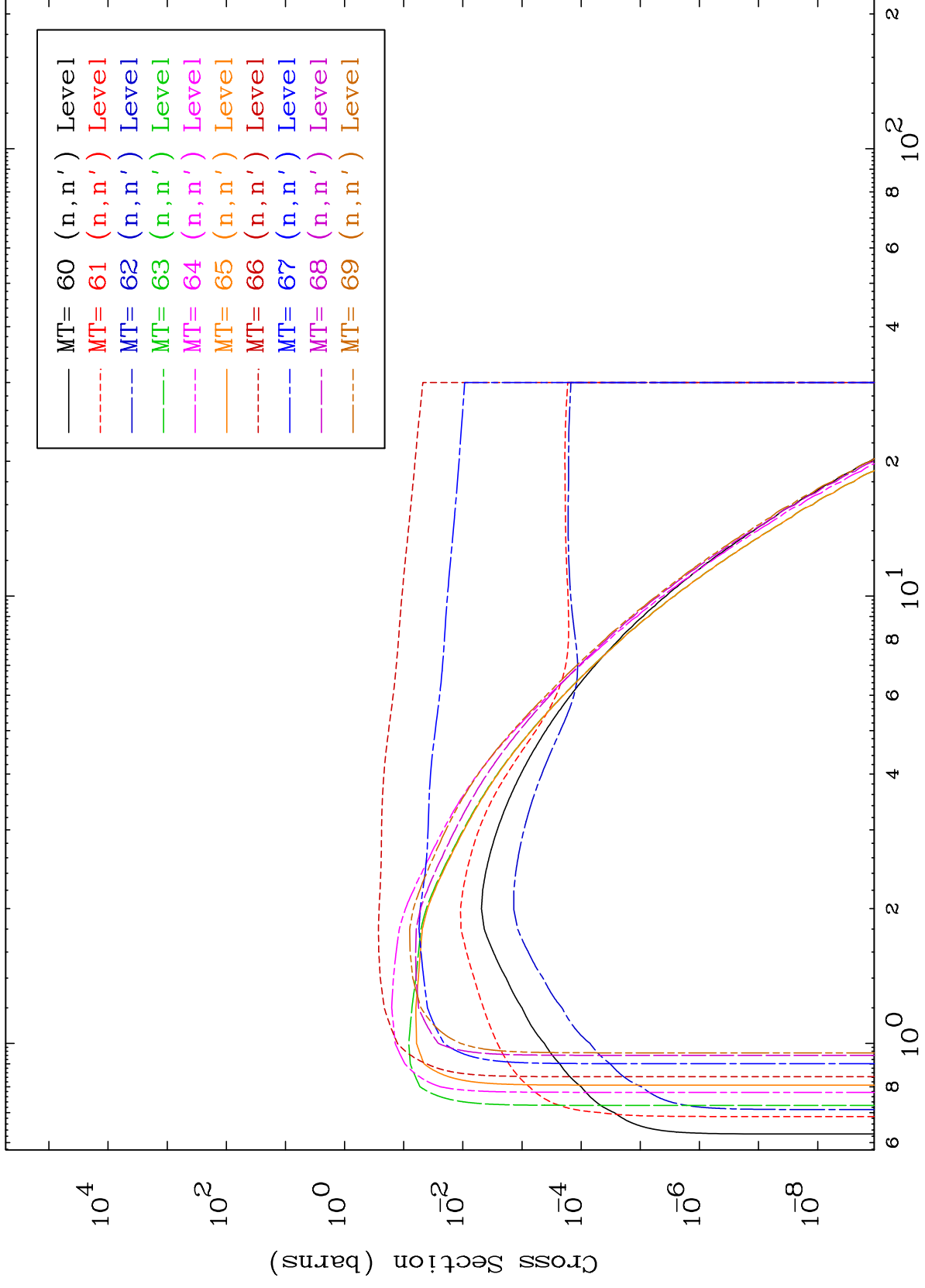


MAT 3722

(n,n') Level

37-Rb-84

293 Kelvin Cross Sections



Incident Energy (MeV)

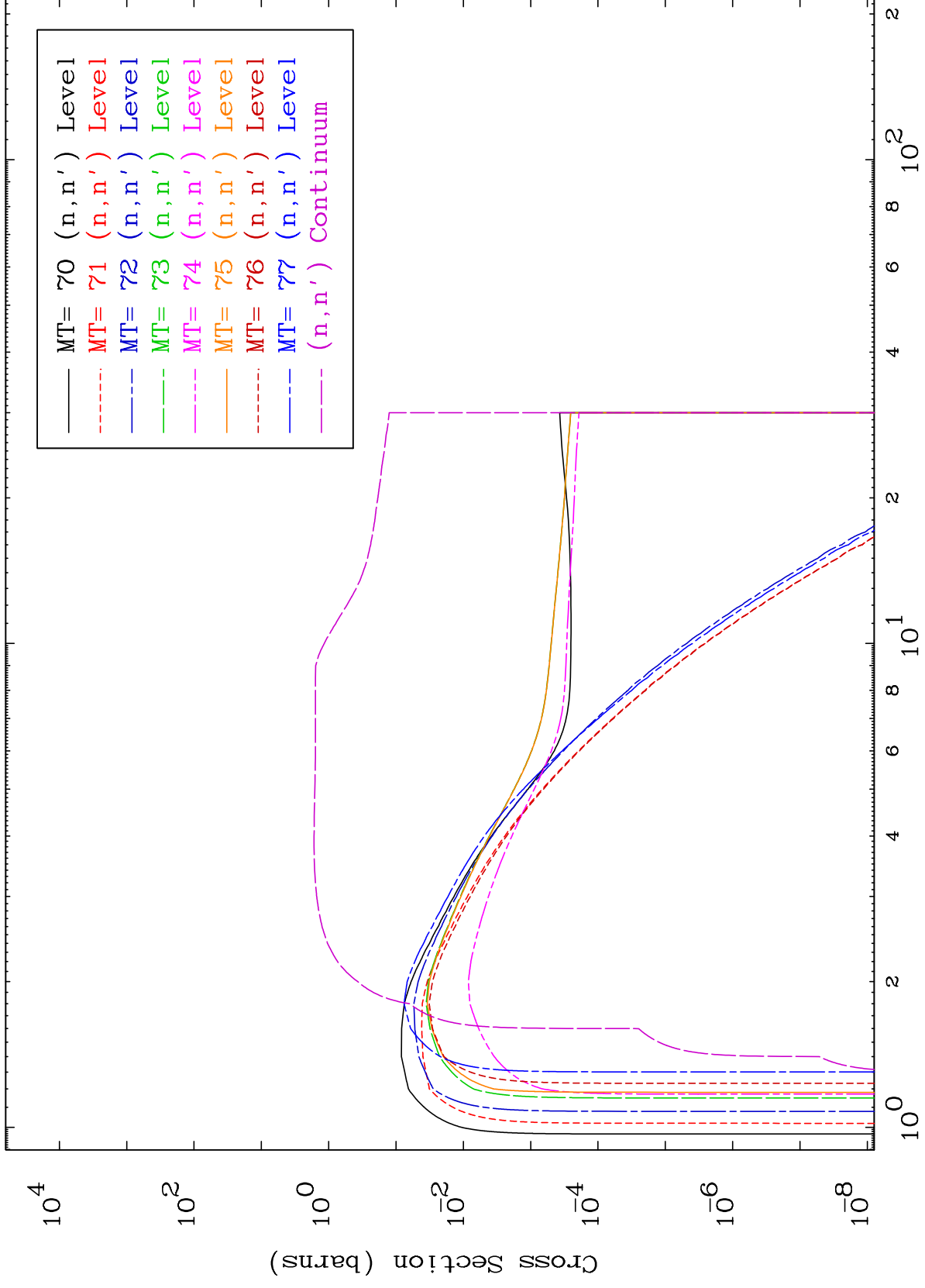
37-Rb-84

MAT 3722

(n,n') Level

37-Rb-84

293 Kelvin Cross Sections



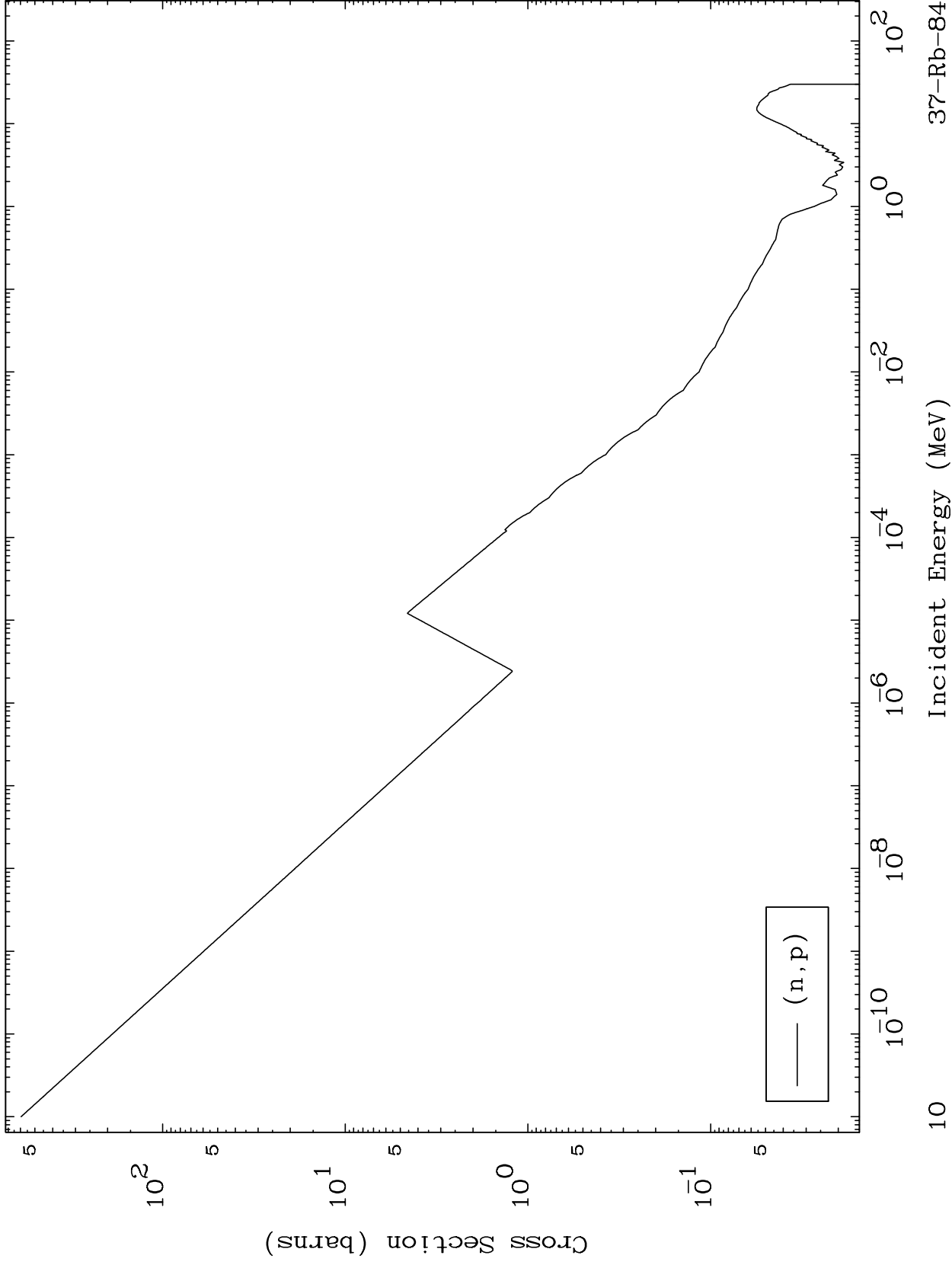
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,p) Levels
293 Kelvin Cross Sections

37-Rb-84

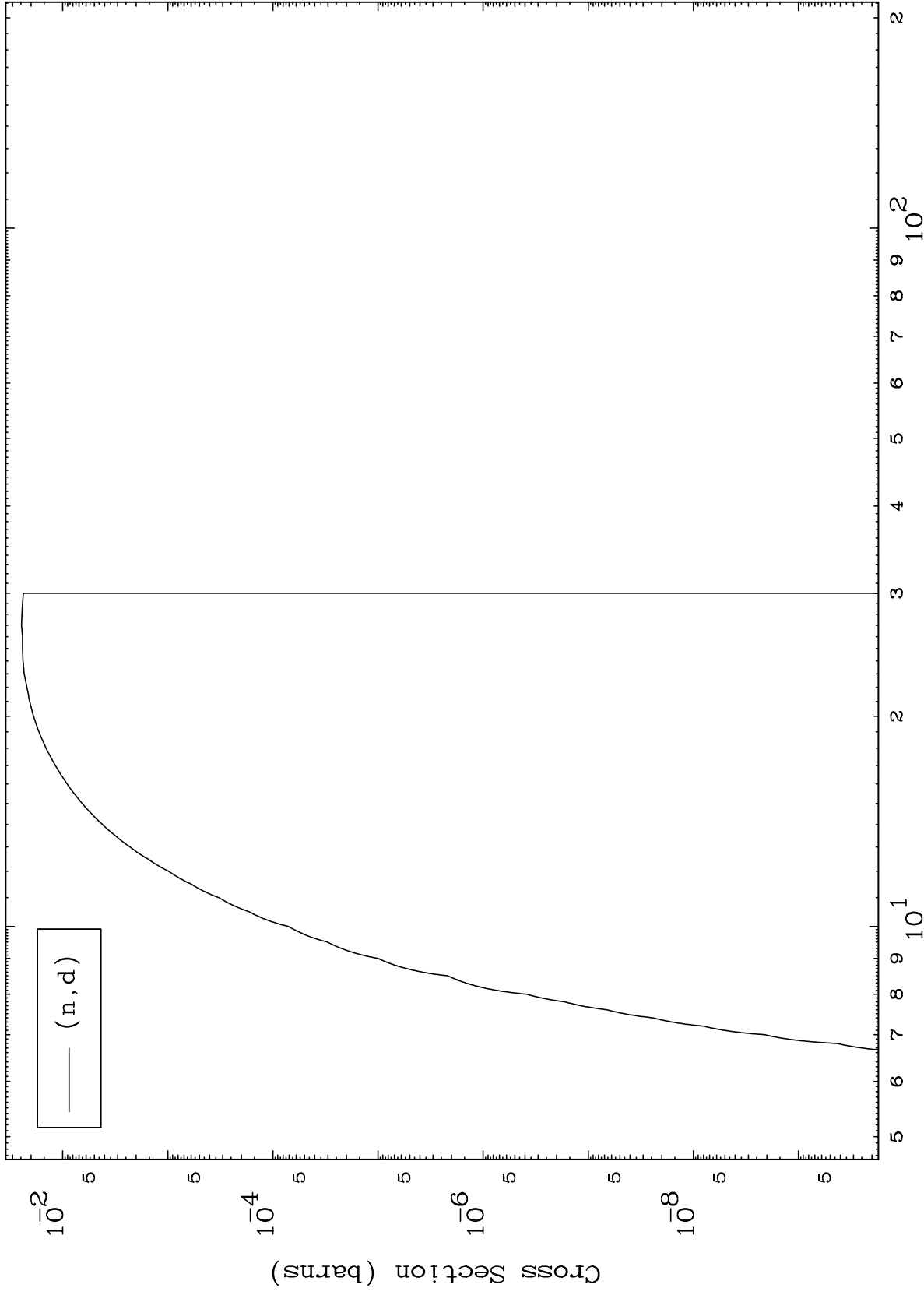


10

MAT 3722

(n,d) Levels
293 Kelvin Cross Sections

37-Rb-84



11

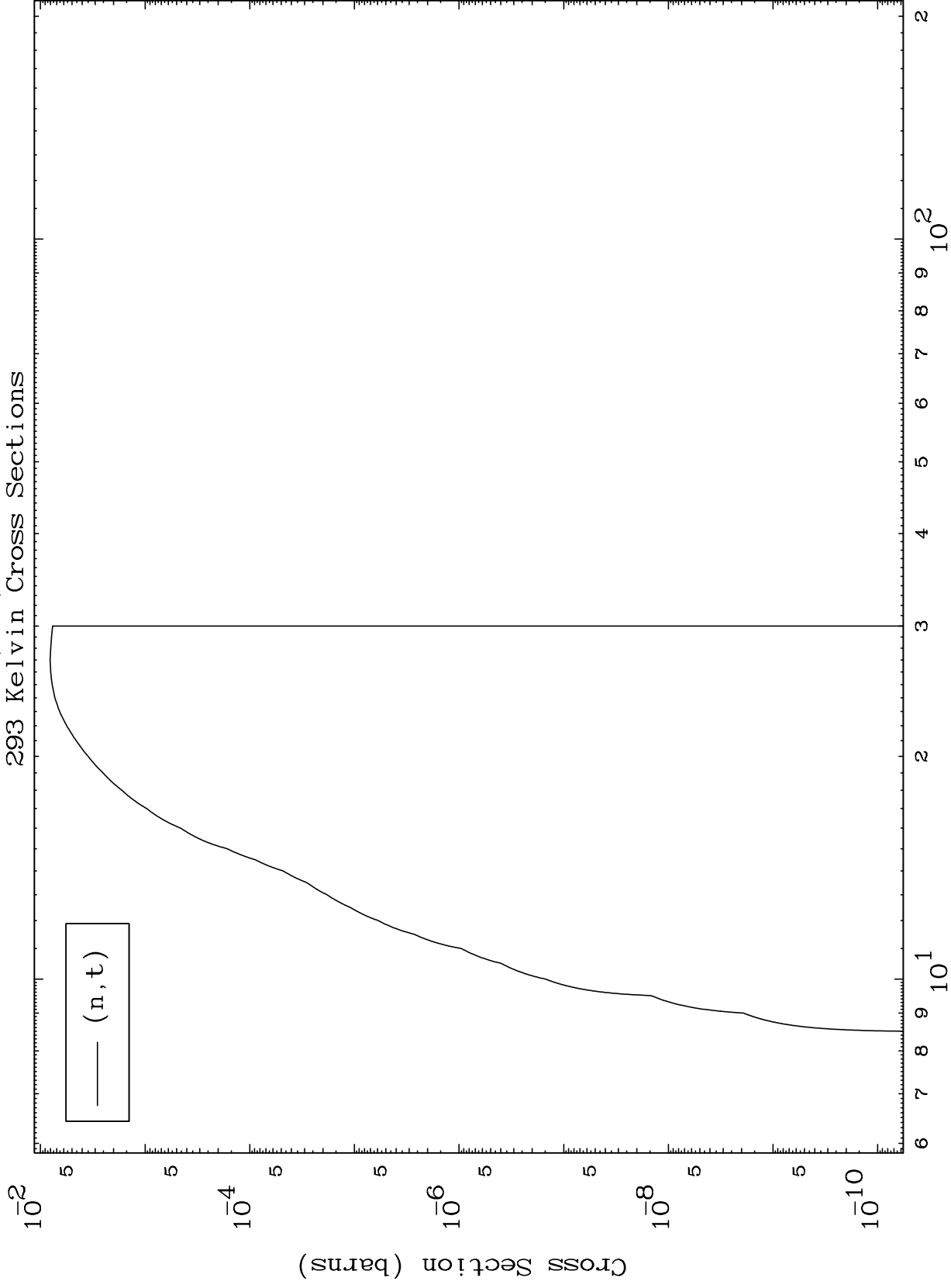
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n, t) Levels
293 Kelvin Cross Sections

37-Rb-84



12

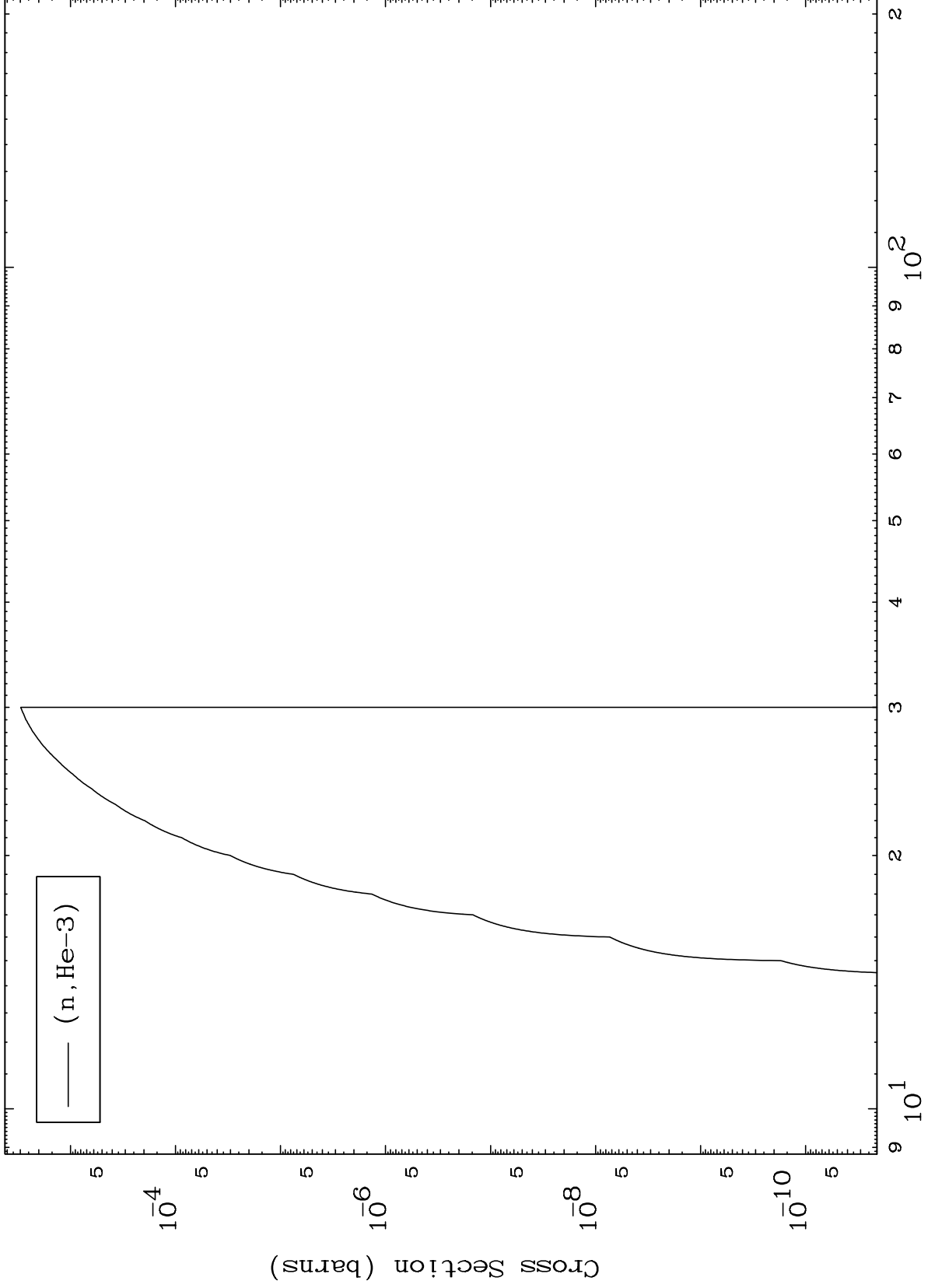
Incident Energy (MeV)

37-Rb-84

MAT 3722

(n,He3) Levels
293 Kelvin Cross Sections

37-Rb-84



13

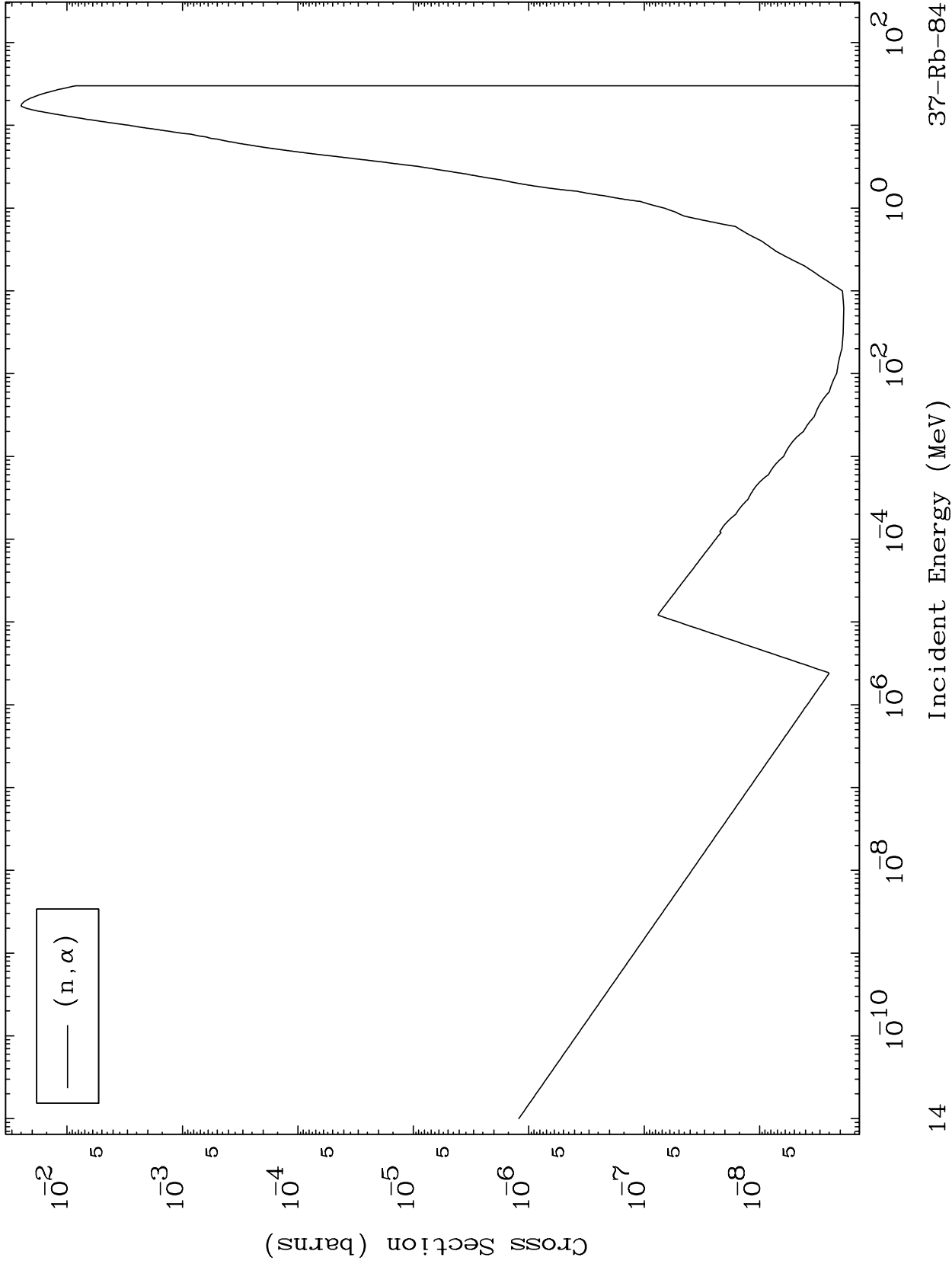
Incident Energy (MeV)

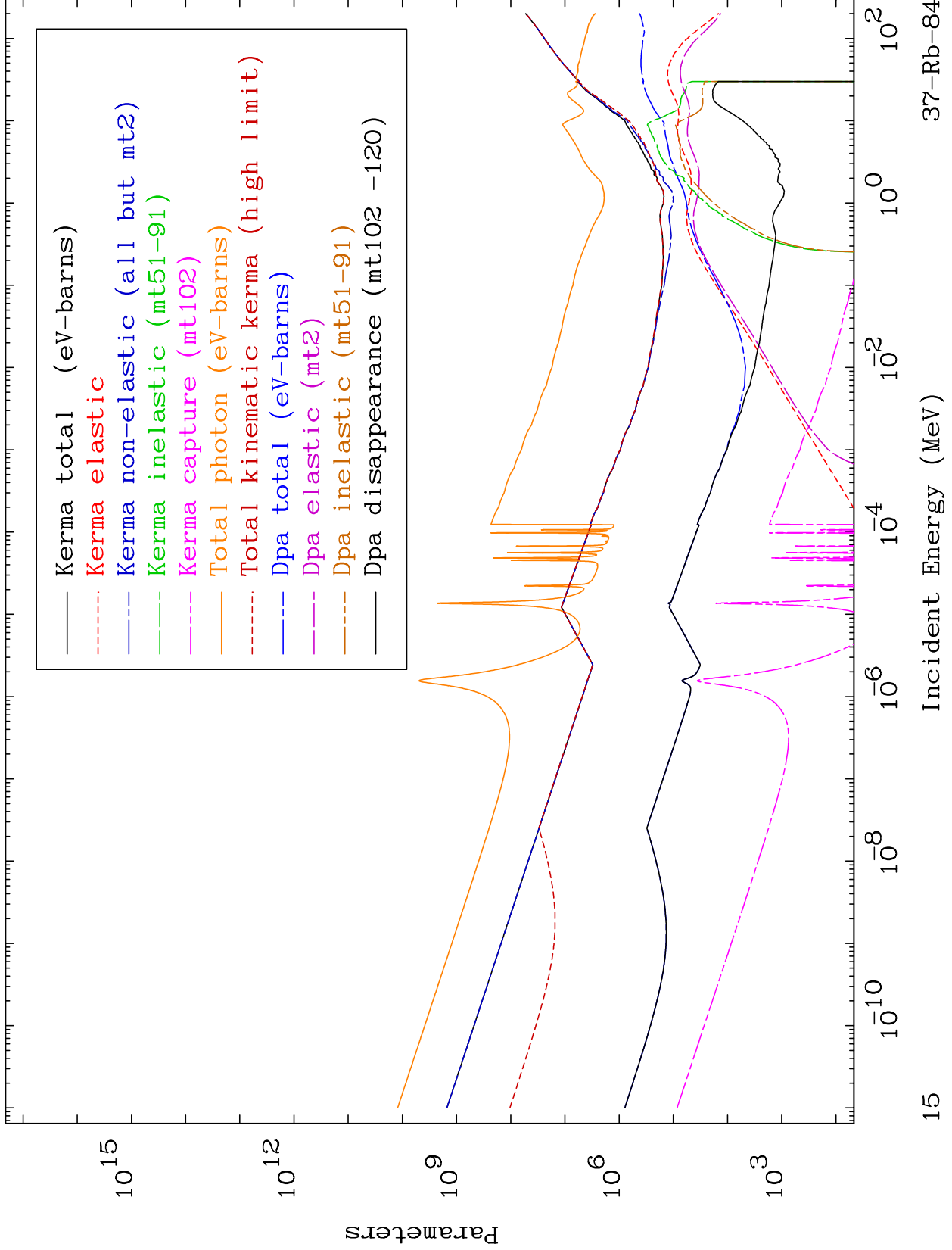
37-Rb-84

MAT 3722

(n, α) Levels
293 Kelvin Cross Sections

37-Rb-84

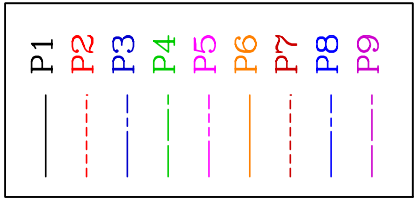
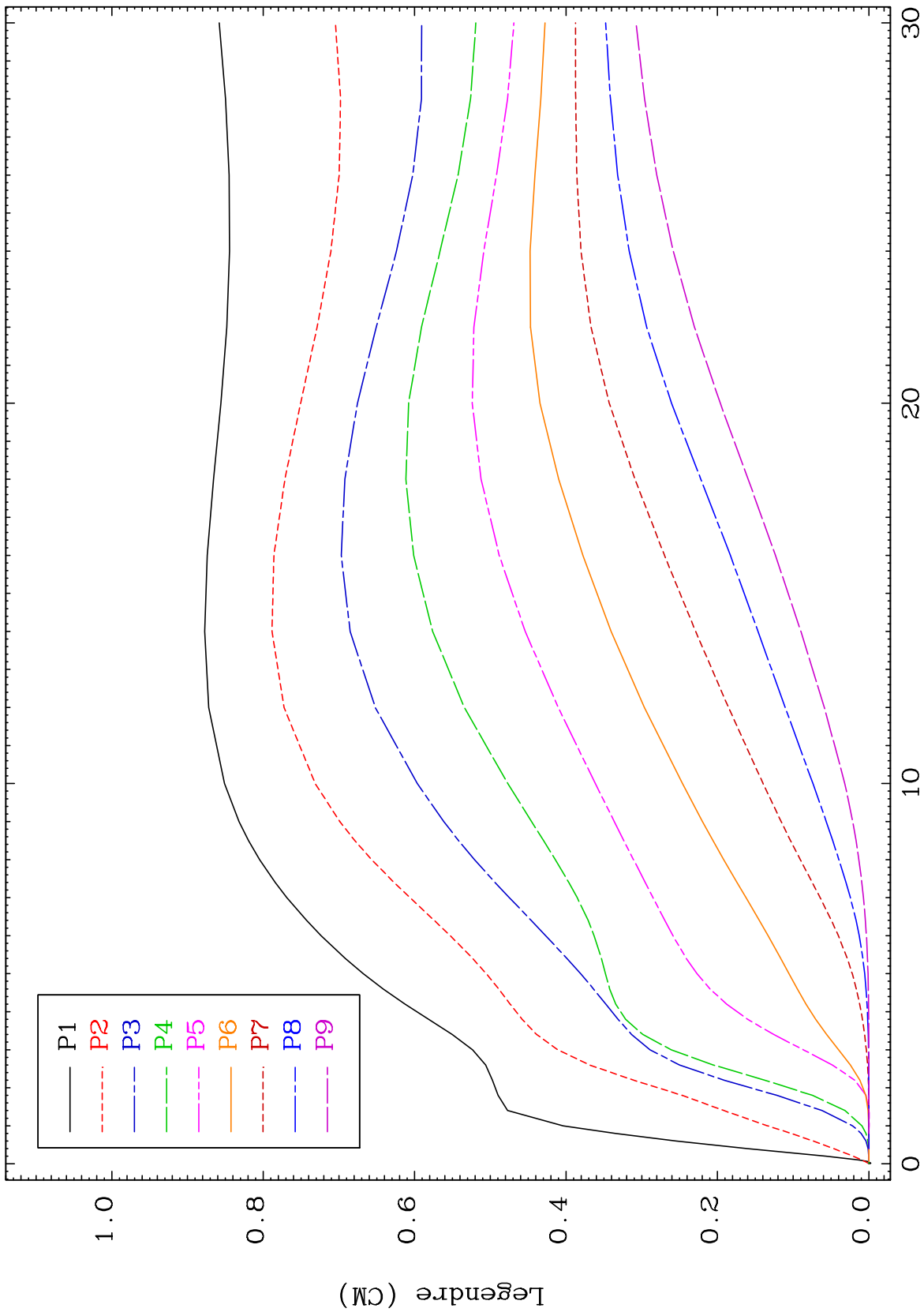




MAT 3722

Elastic Legendre Coefficients

³⁷Rb-84

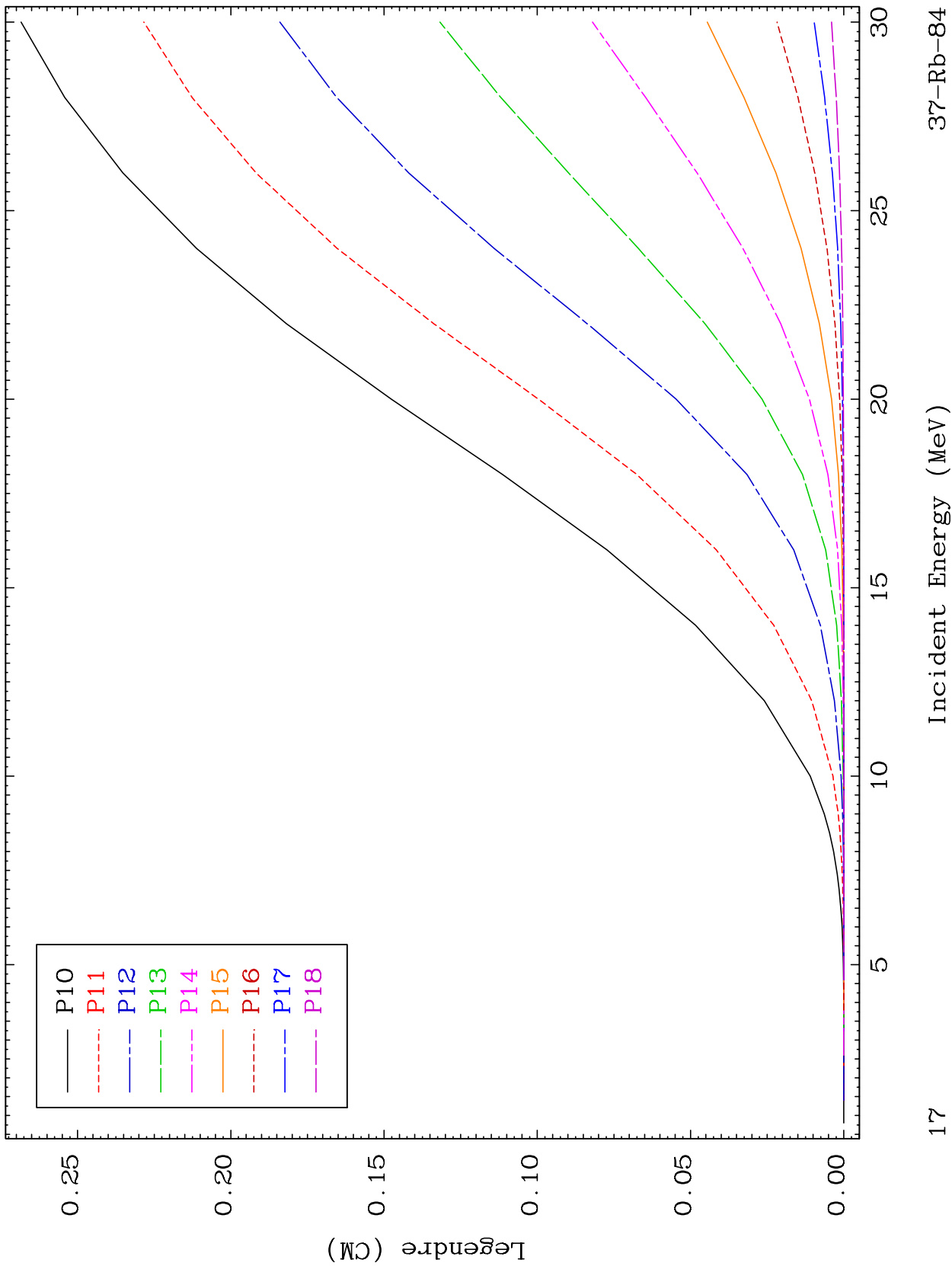


16

Incident Energy (MeV)

³⁷Rb-84

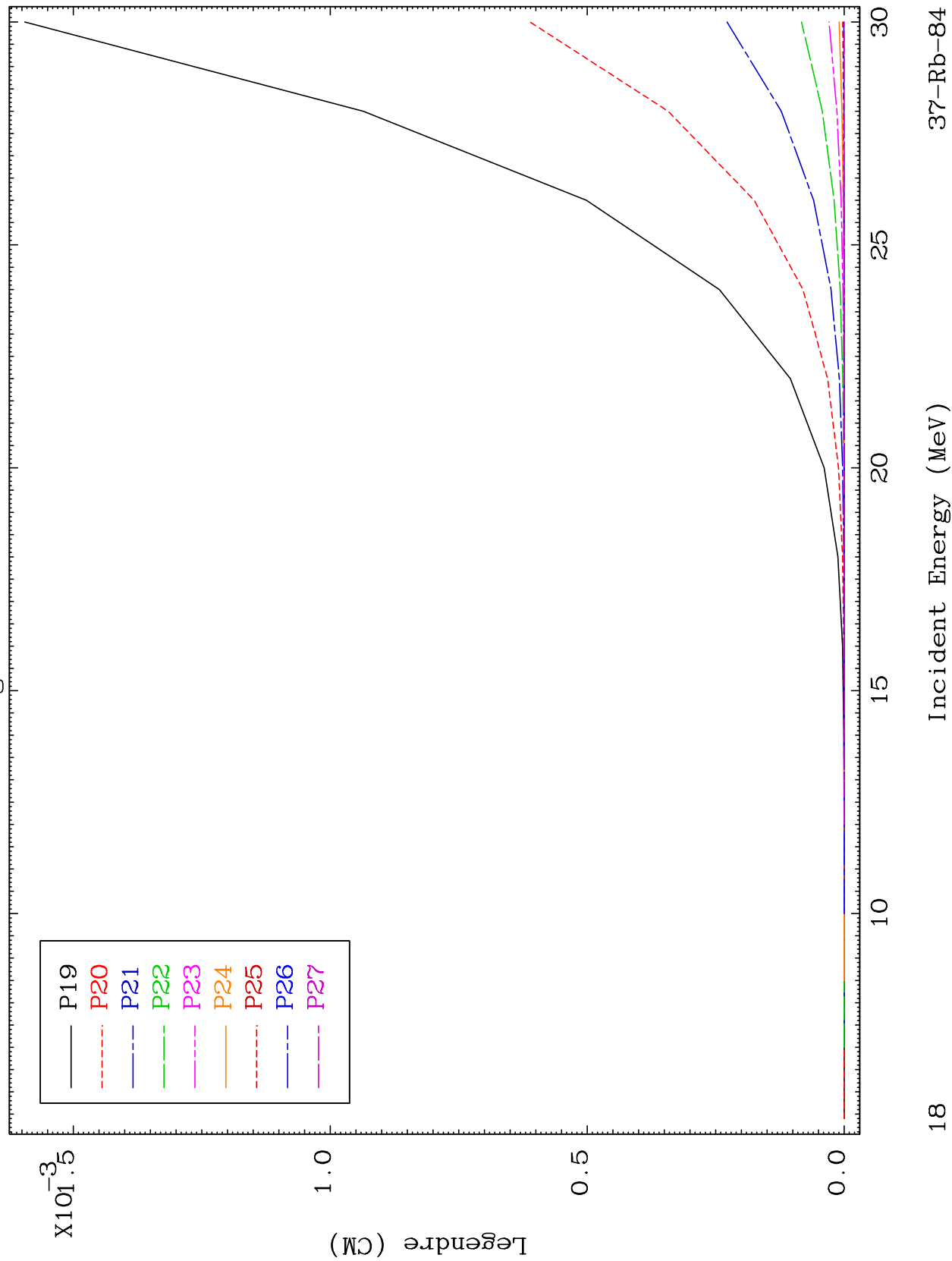
Elastic Legendre Coefficients



MAT 3722

Elastic Legendre Coefficients

37-Rb-84



18

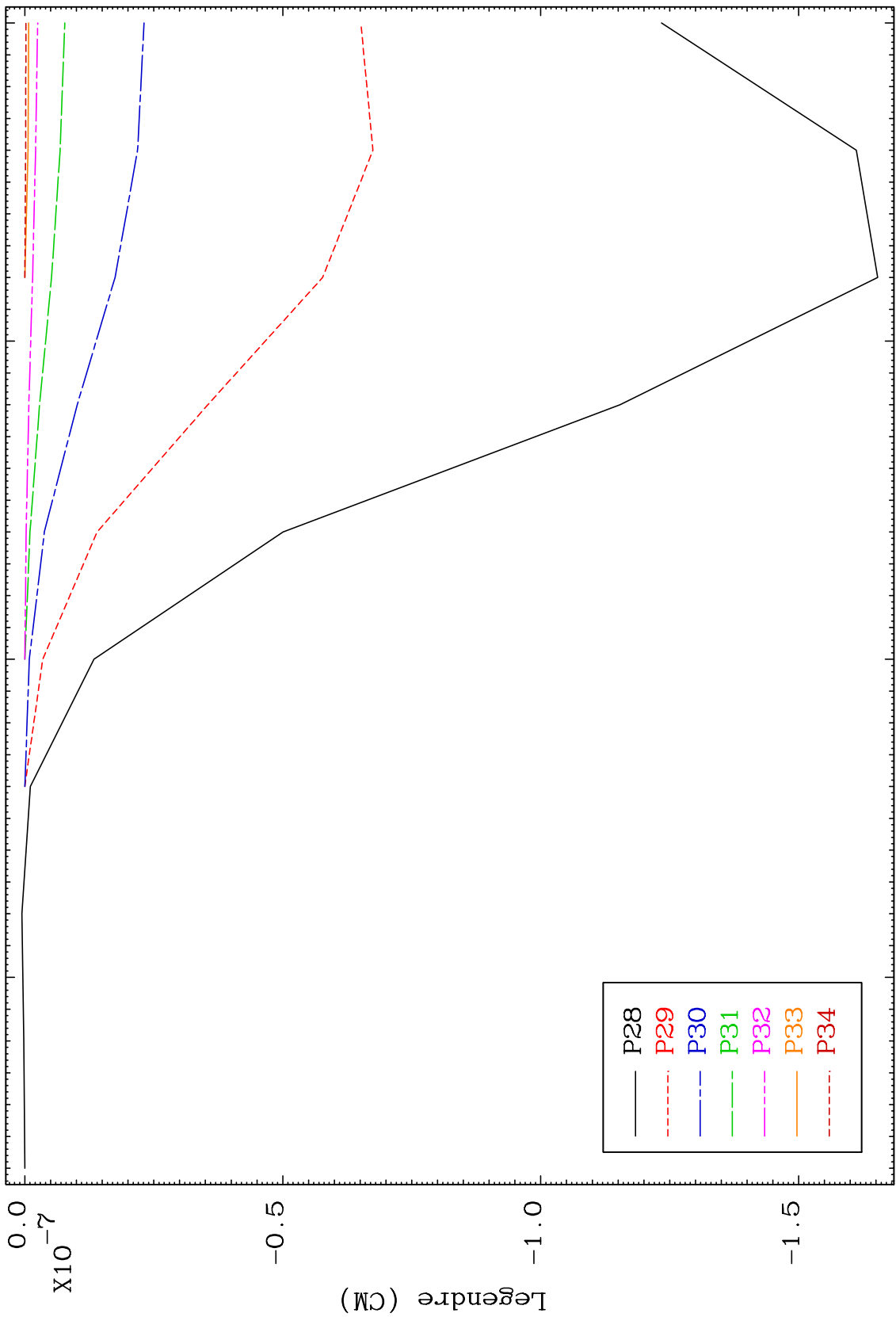
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

Elastic Legendre Coefficients



19

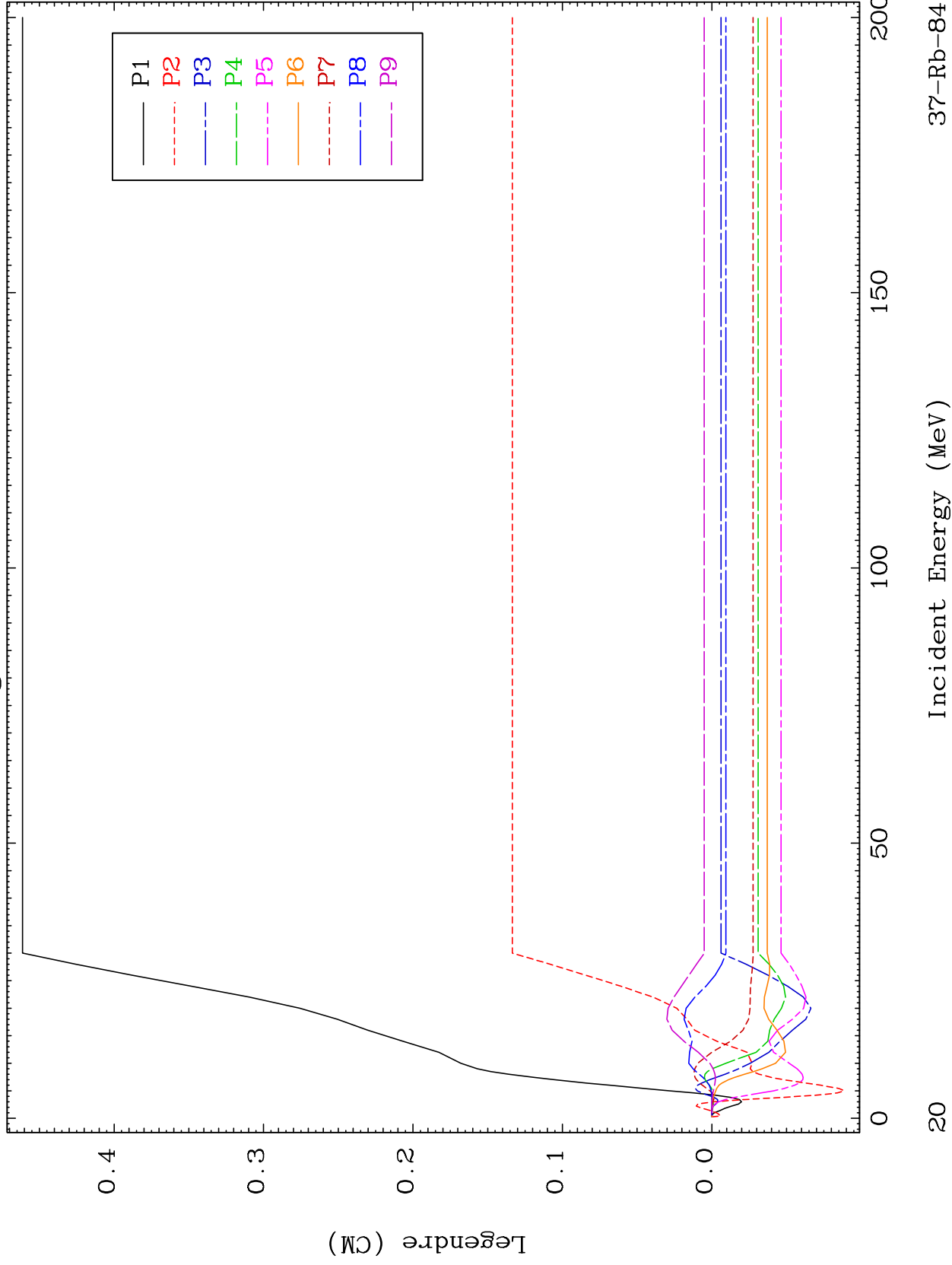
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 51 (n,n') Level
Legendre Coefficients

37-Rb-84

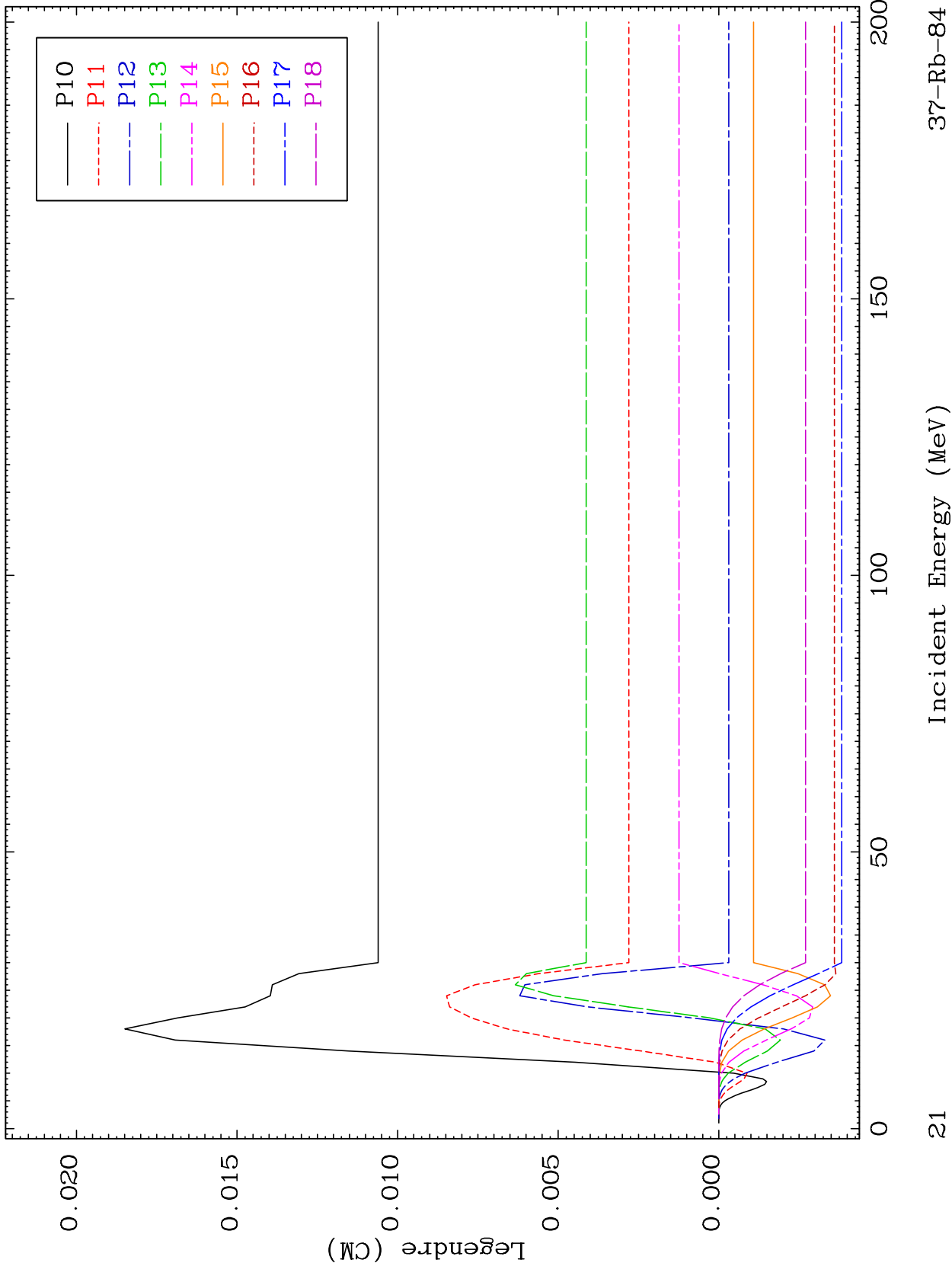


37-Rb-84

MAT 3722

MT= 51 (n,n') Level
Legendre Coefficients

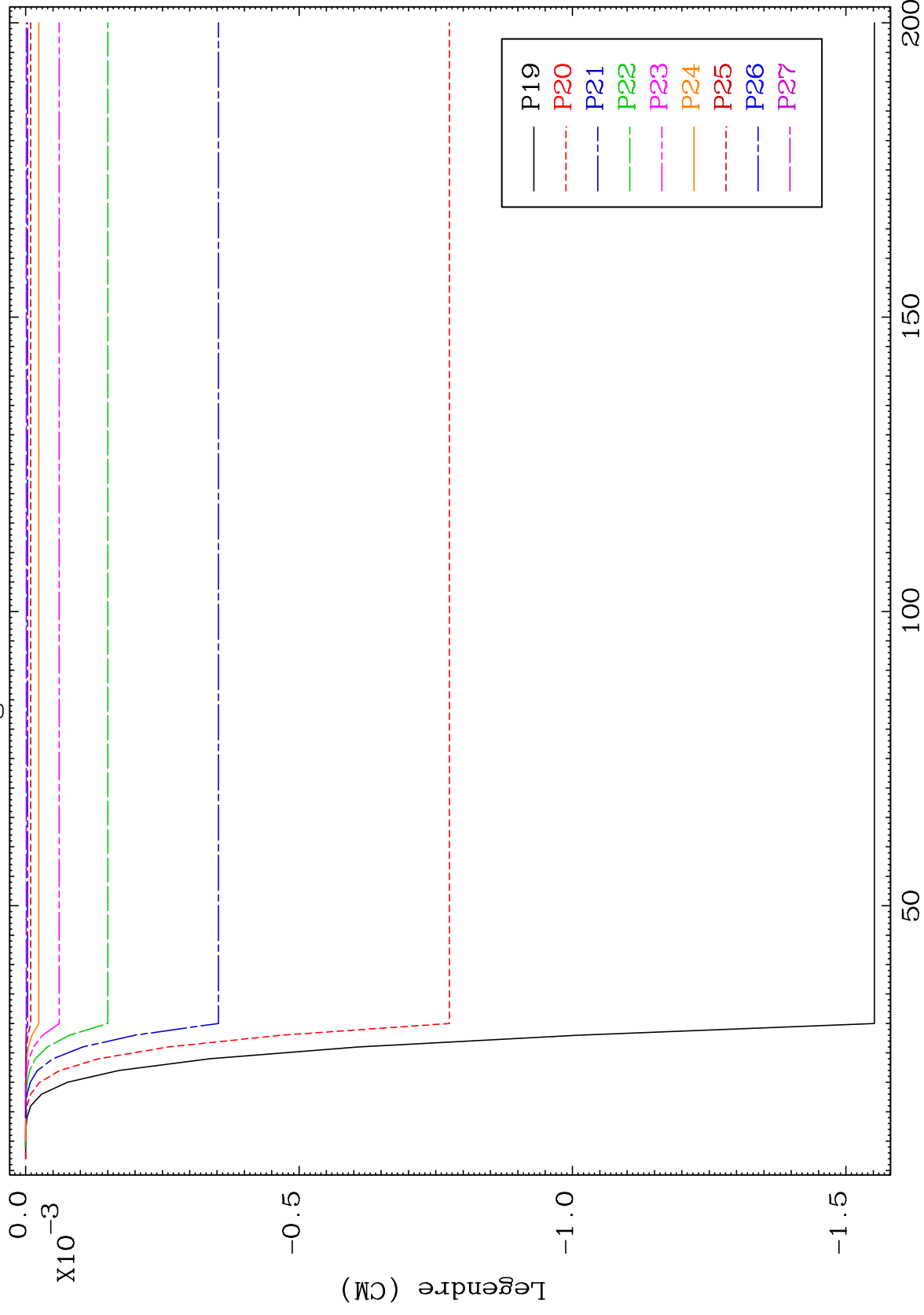
37-Rb-84



21

Incident Energy (MeV)

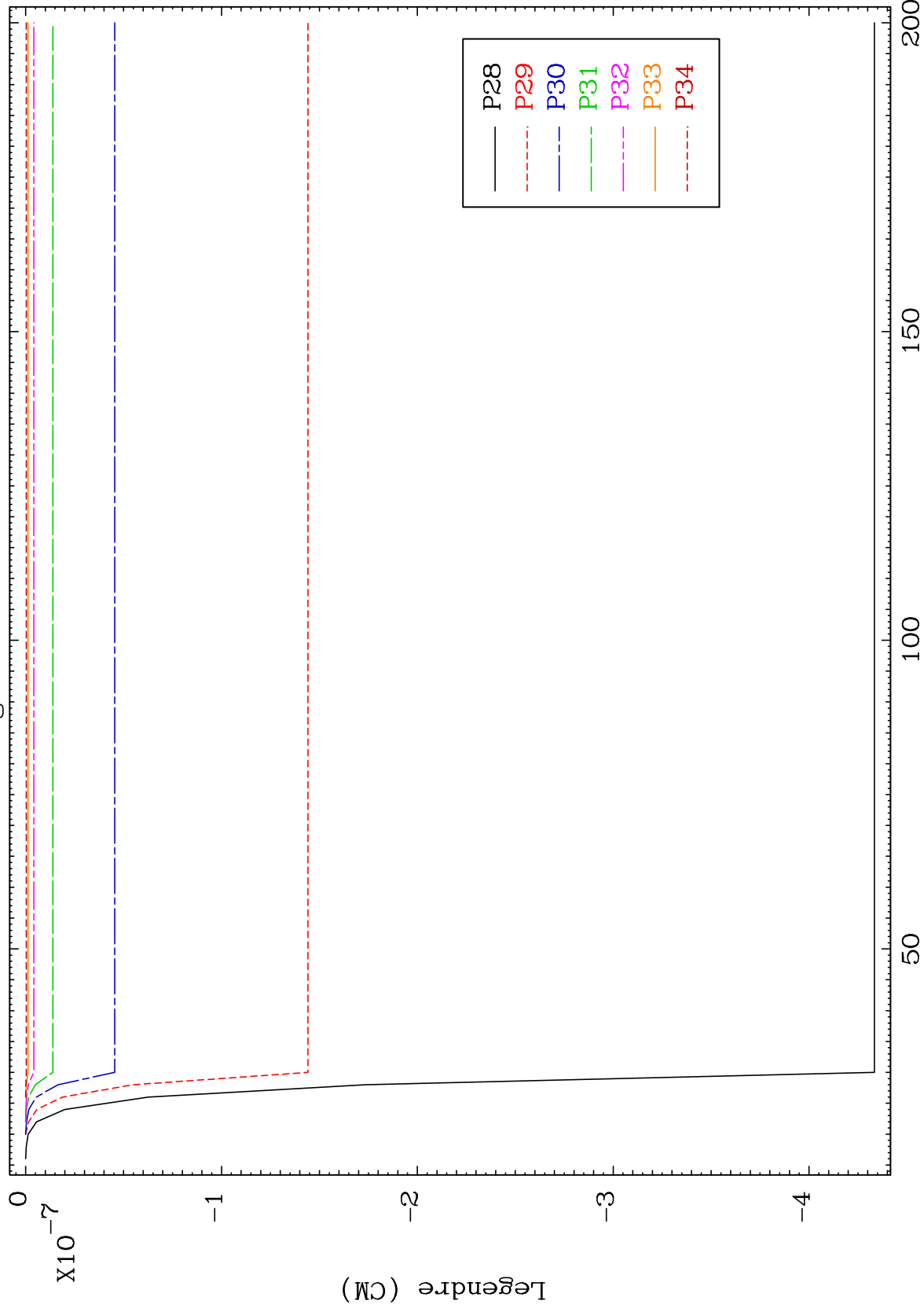
37-Rb-84



MAT 3722

MT= 51 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

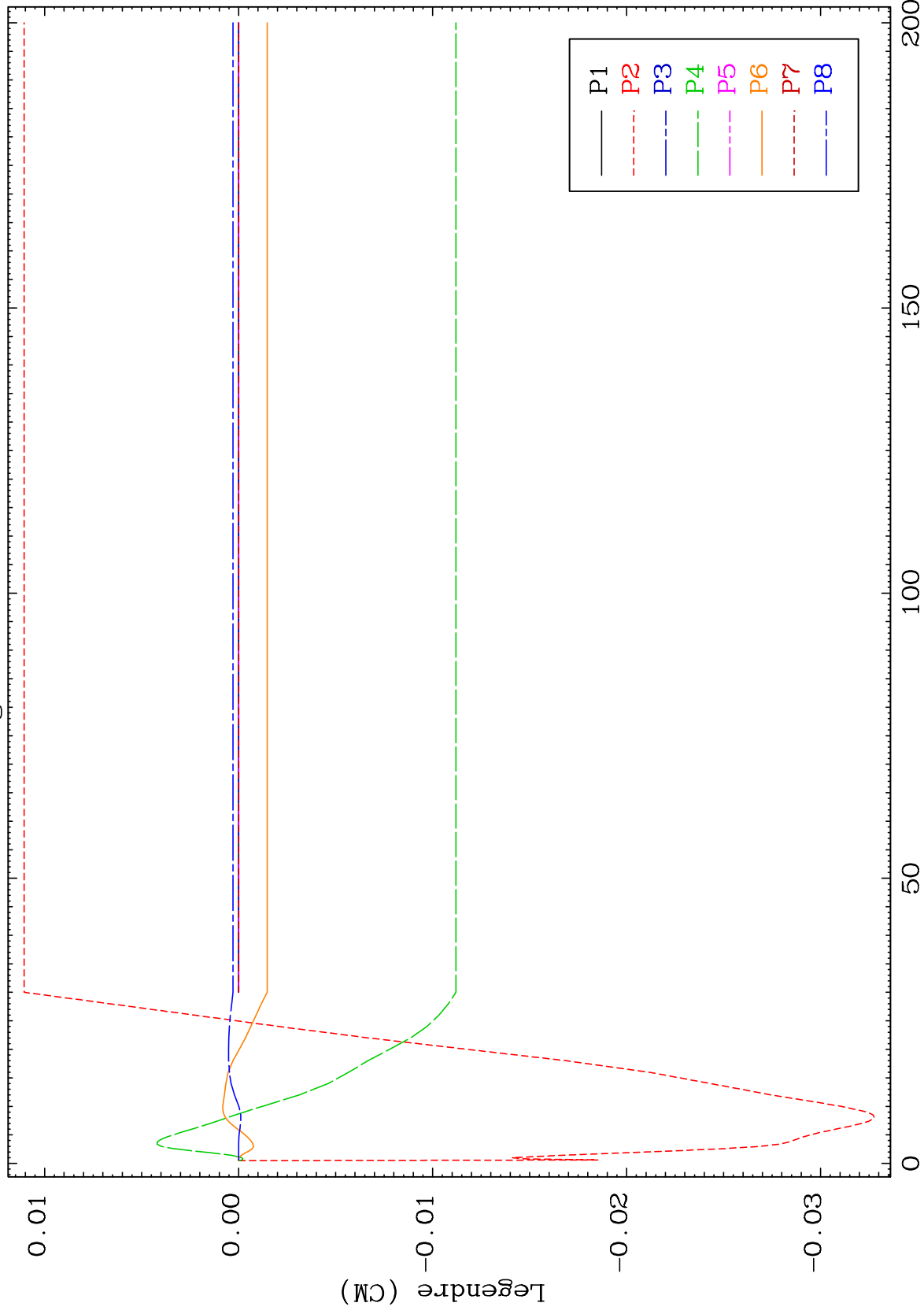
Incident Energy (MeV)

23

MAT 3722

37-Rb-84

MT= 52 (n,n') Level
Legendre Coefficients



24

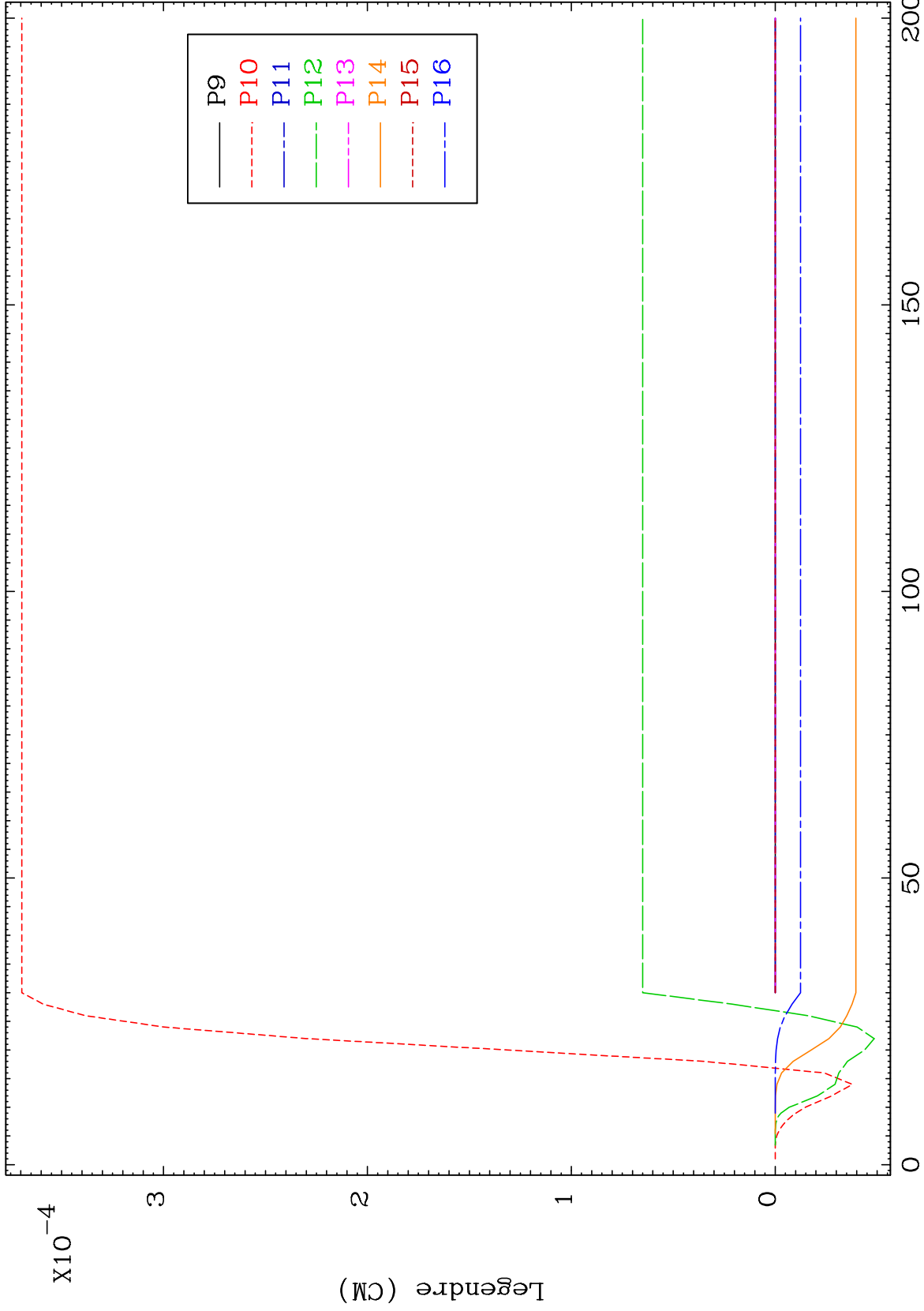
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 52 (n,n') Level
Legendre Coefficients

37-Rb-84



25

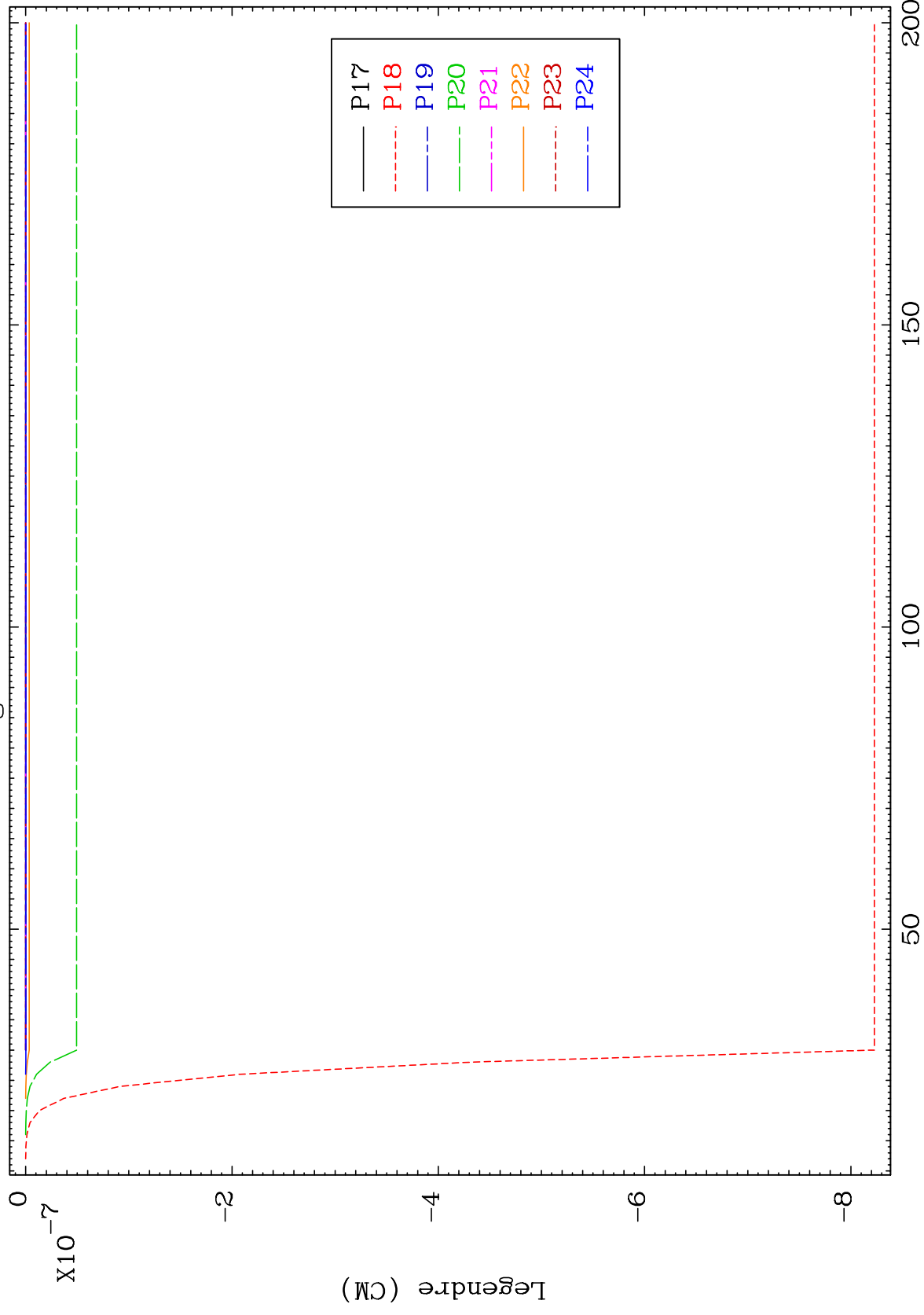
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 52 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

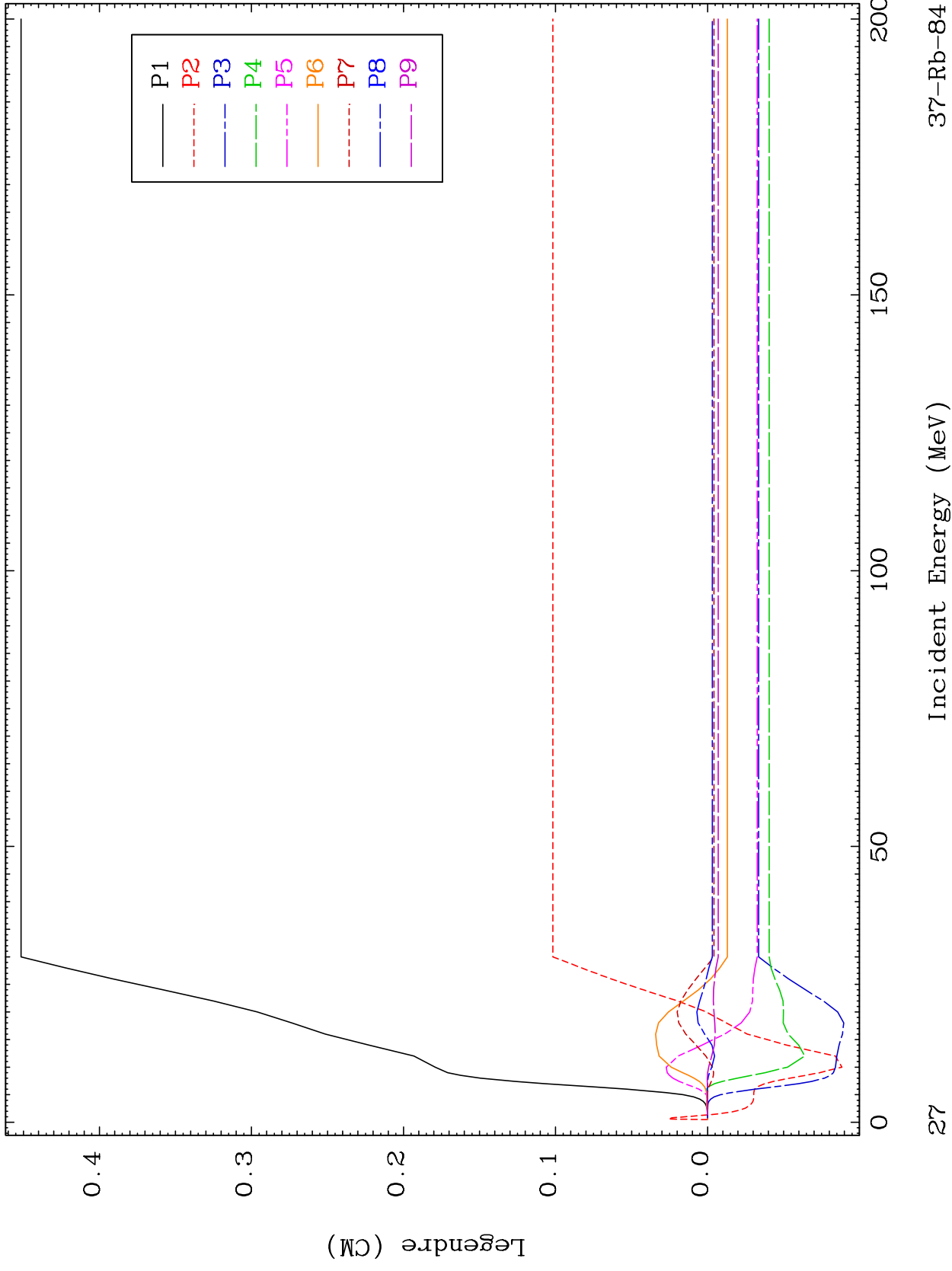
Incident Energy (MeV)

26

MAT 3722

MT= 53 (n,n') Level
Legendre Coefficients

37-Rb-84

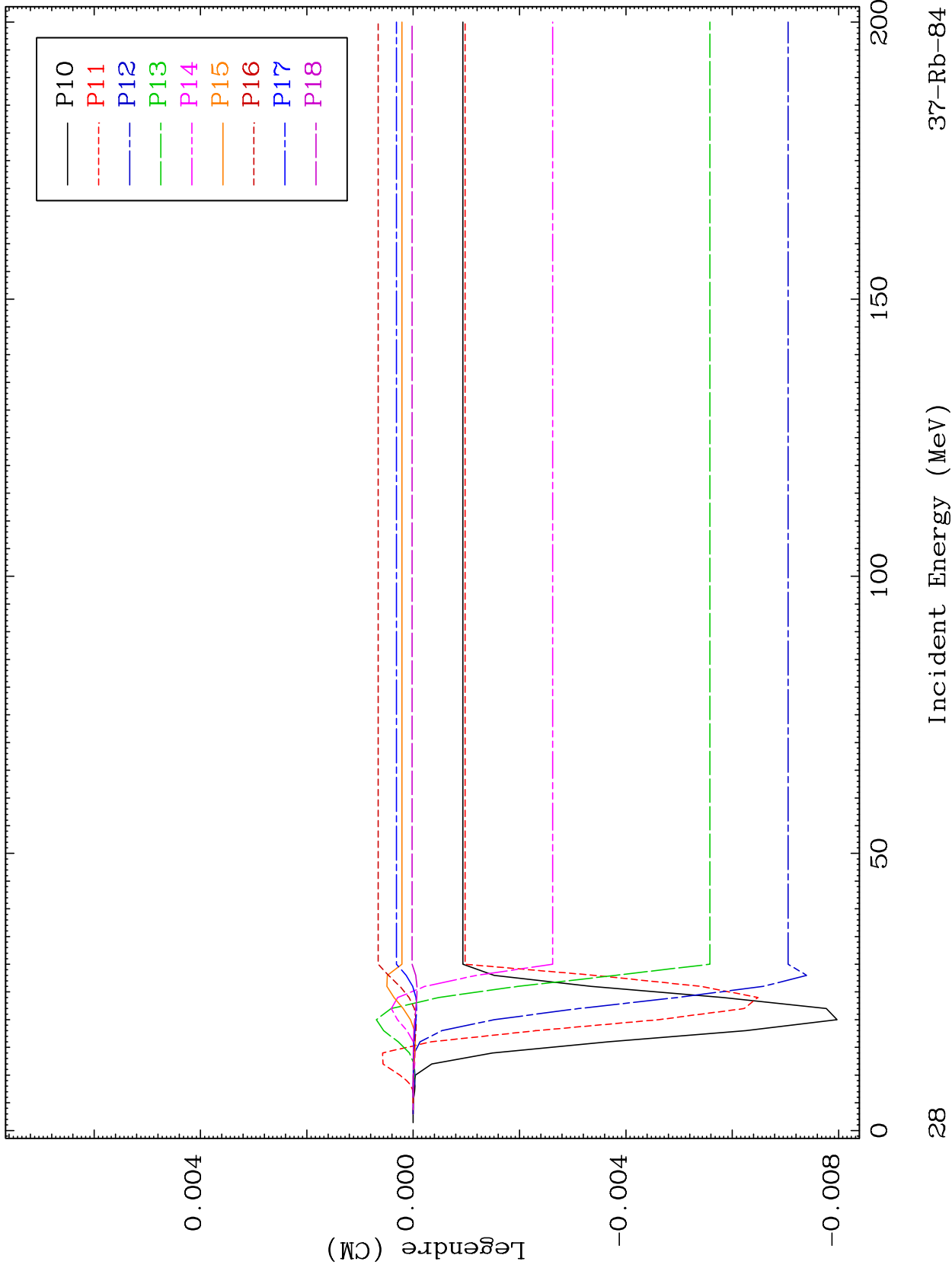


27

MAT 3722

MT= 53 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

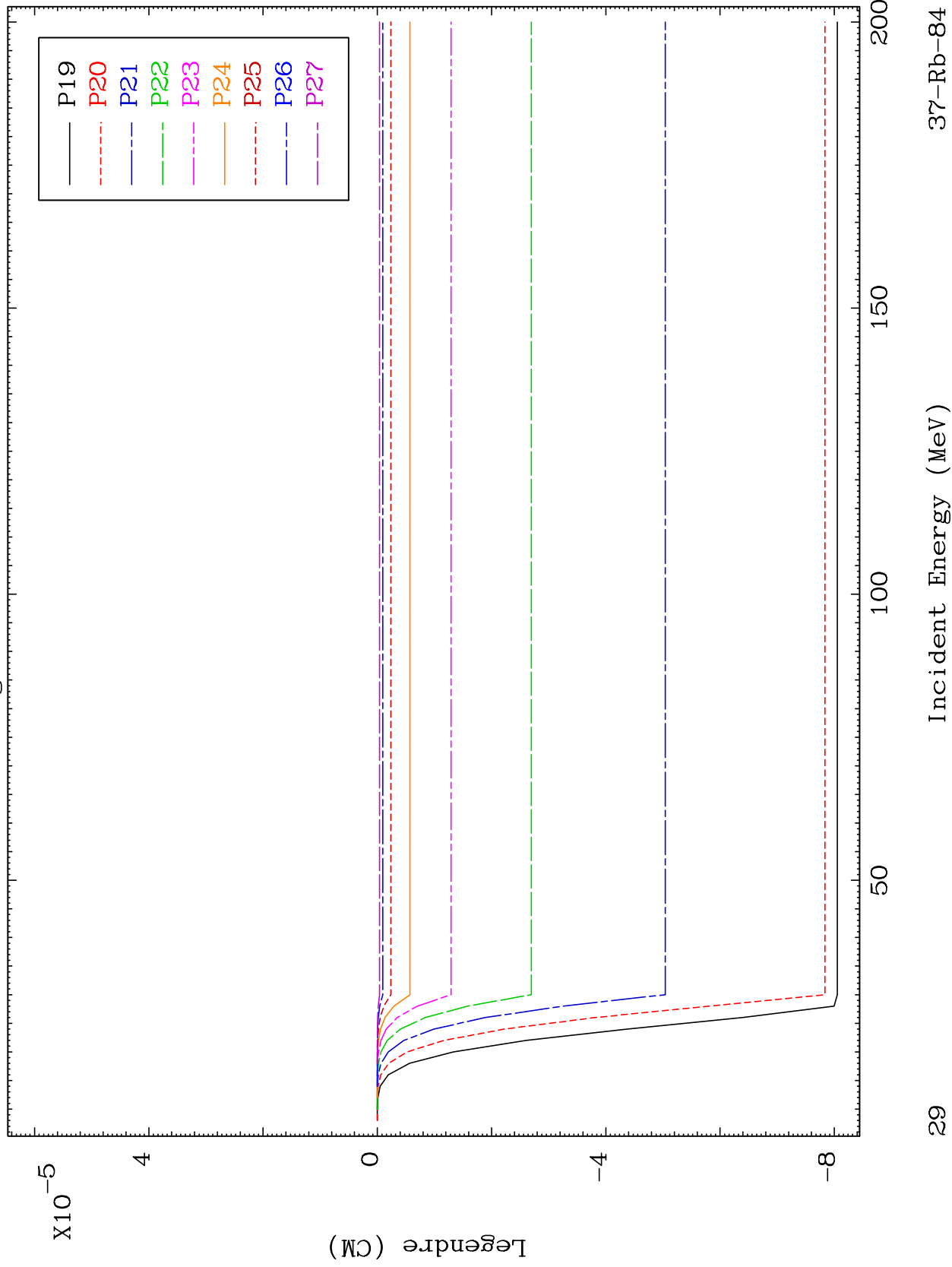
Incident Energy (MeV)

28

MAT 3722

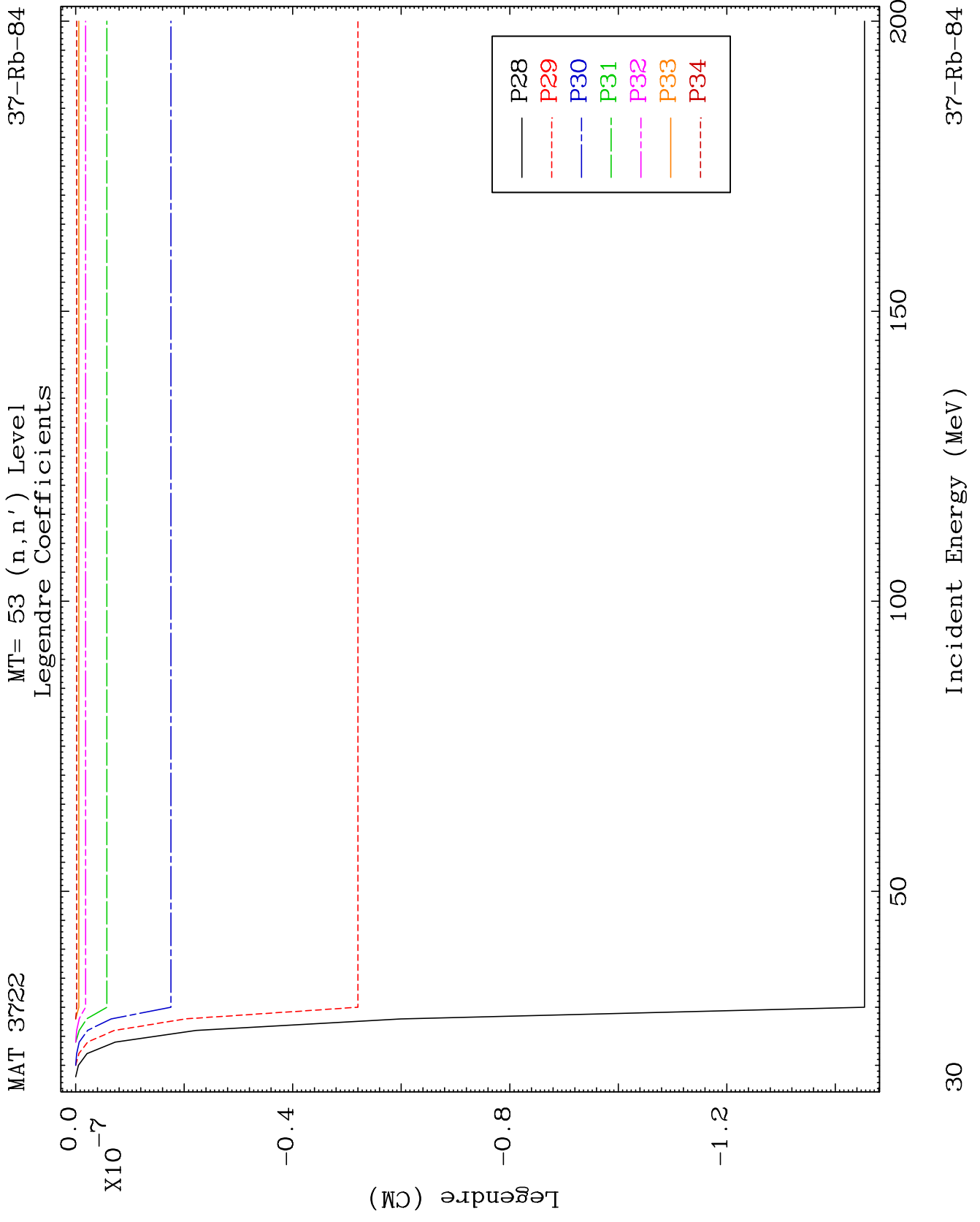
MT= 53 (n,n') Level
Legendre Coefficients

37-Rb-84



29

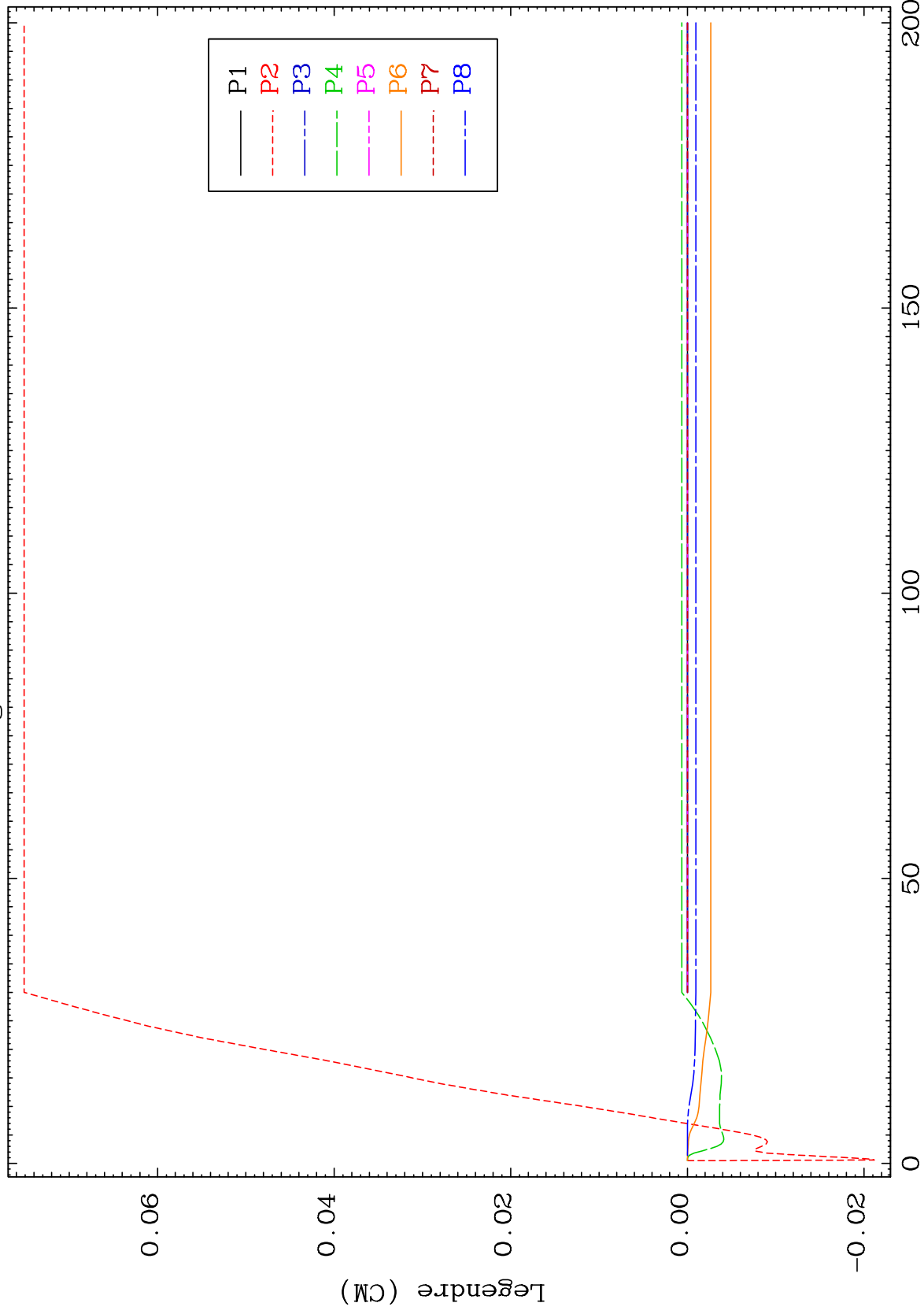
37-Rb-84



MAT 3722

MT= 54 (n,n') Level
Legendre Coefficients

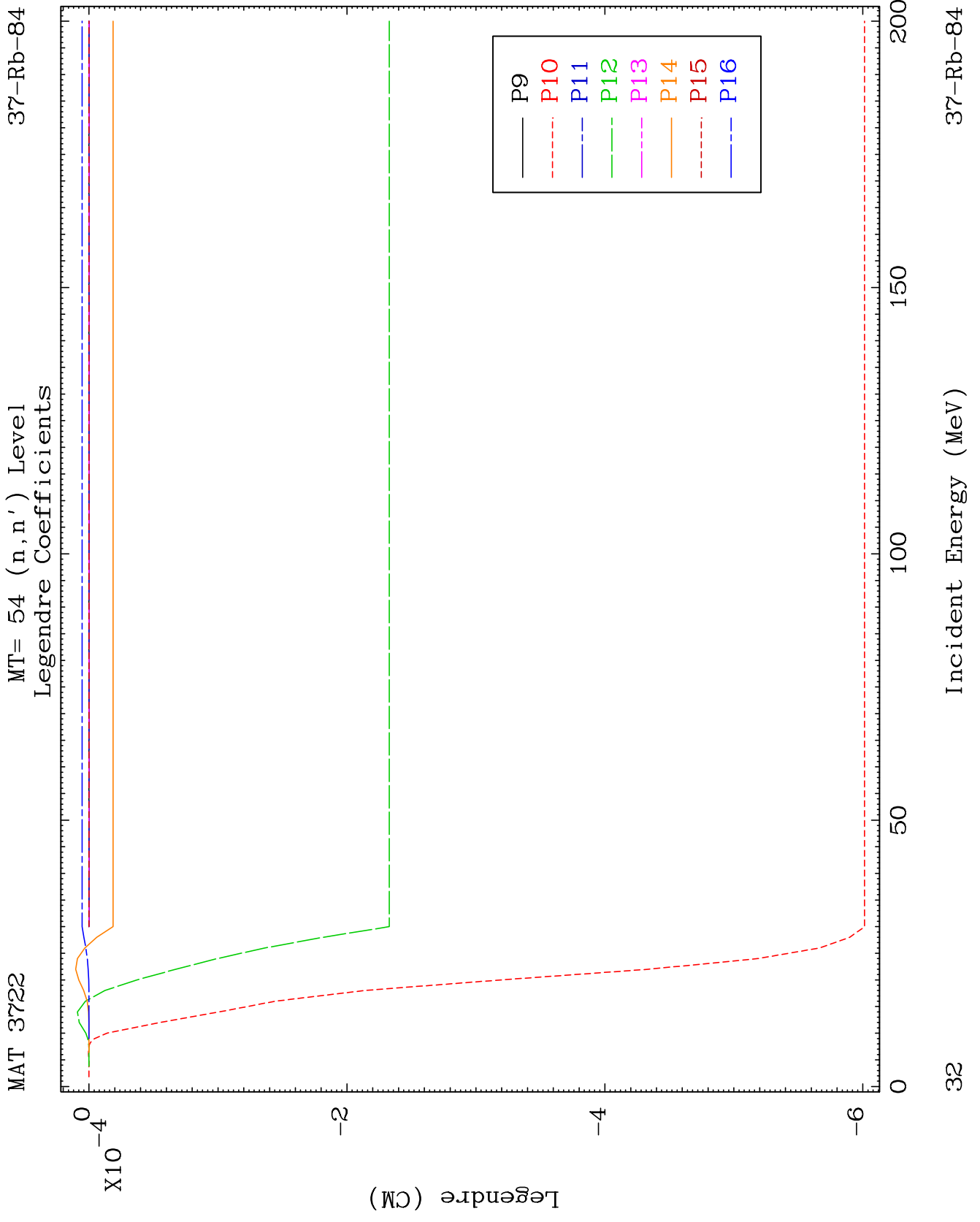
37-Rb-84



31

Incident Energy (MeV)

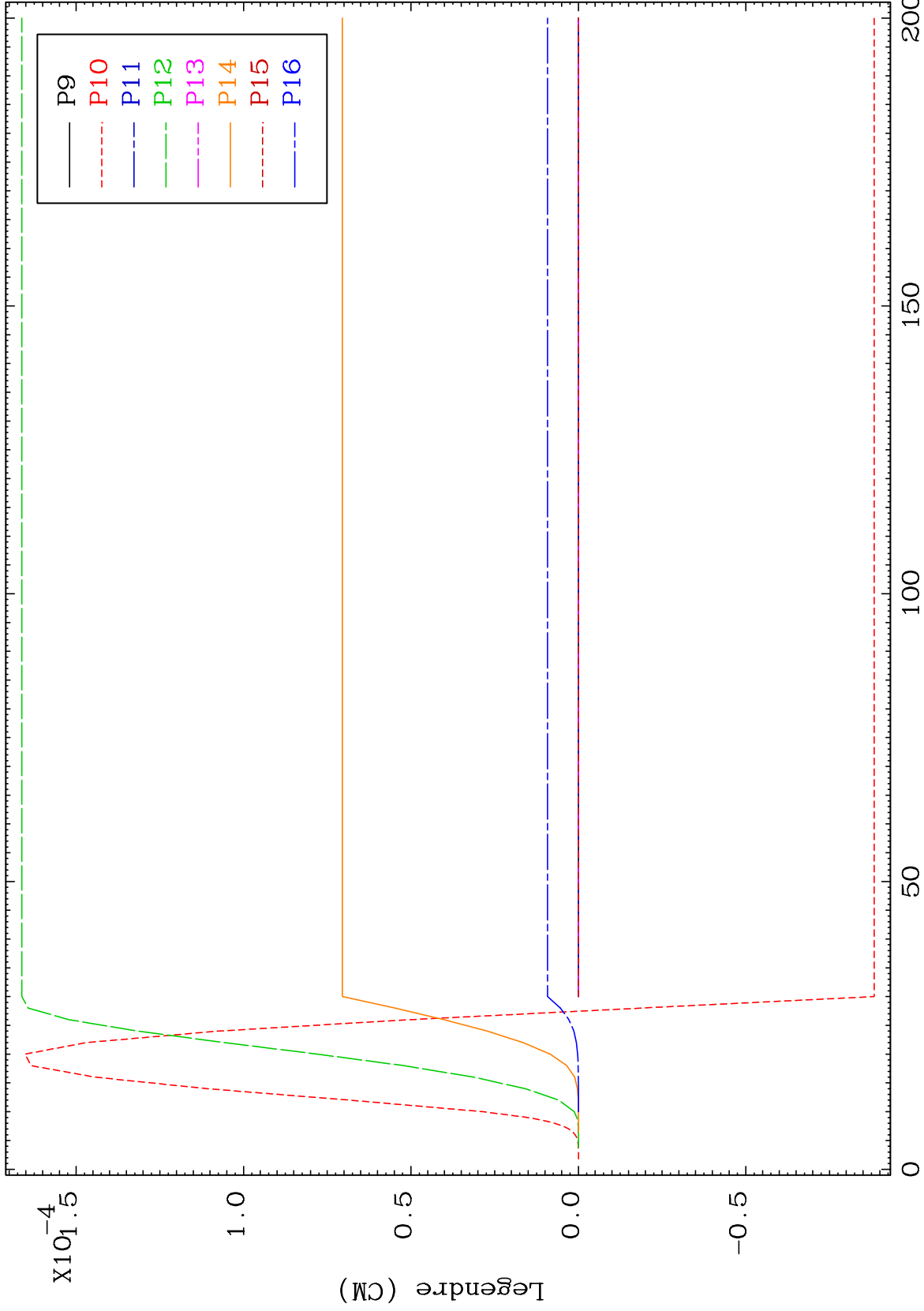
37-Rb-84



MAT 3722

MT= 55 (n,n') Level
Legendre Coefficients

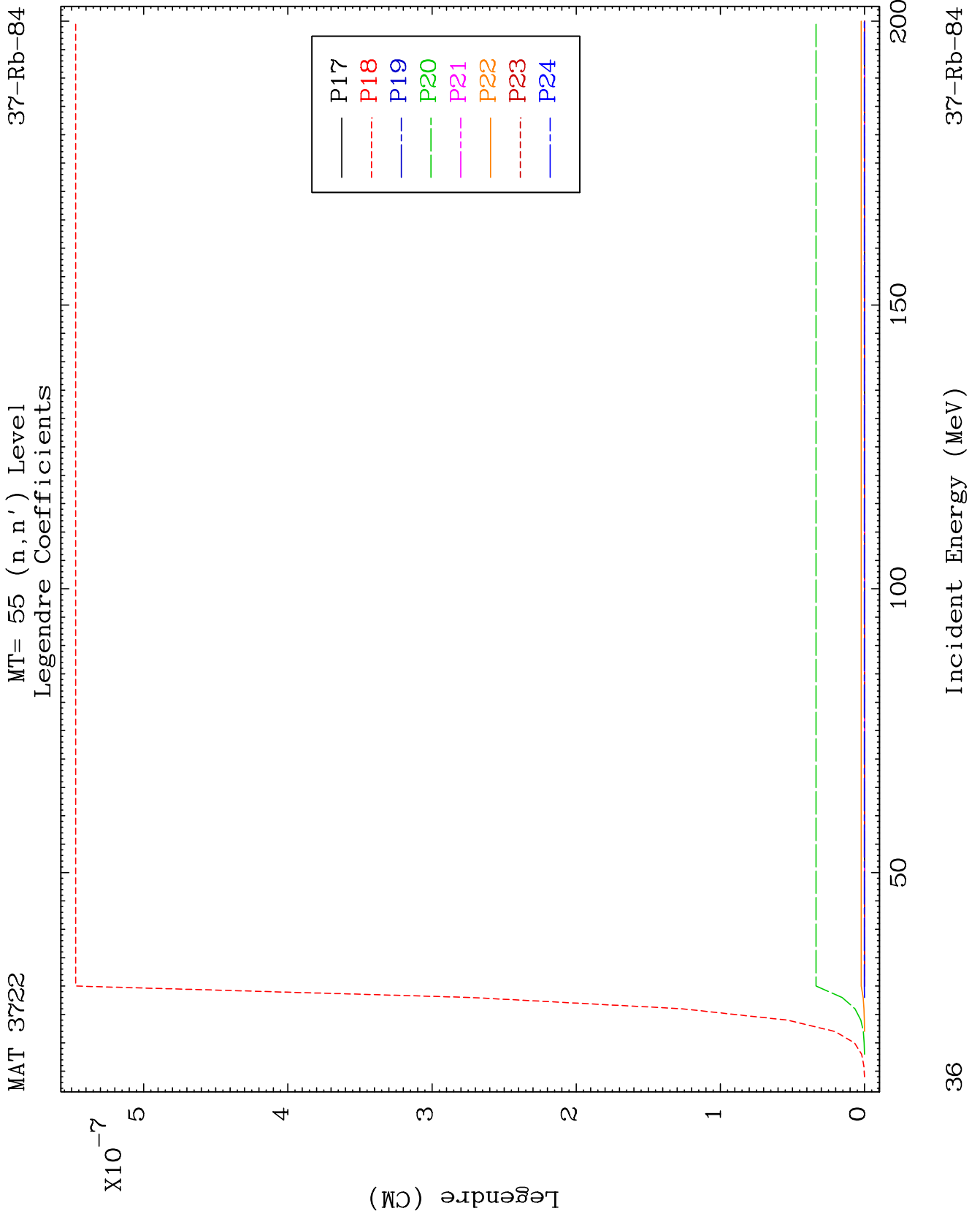
37-Rb-84

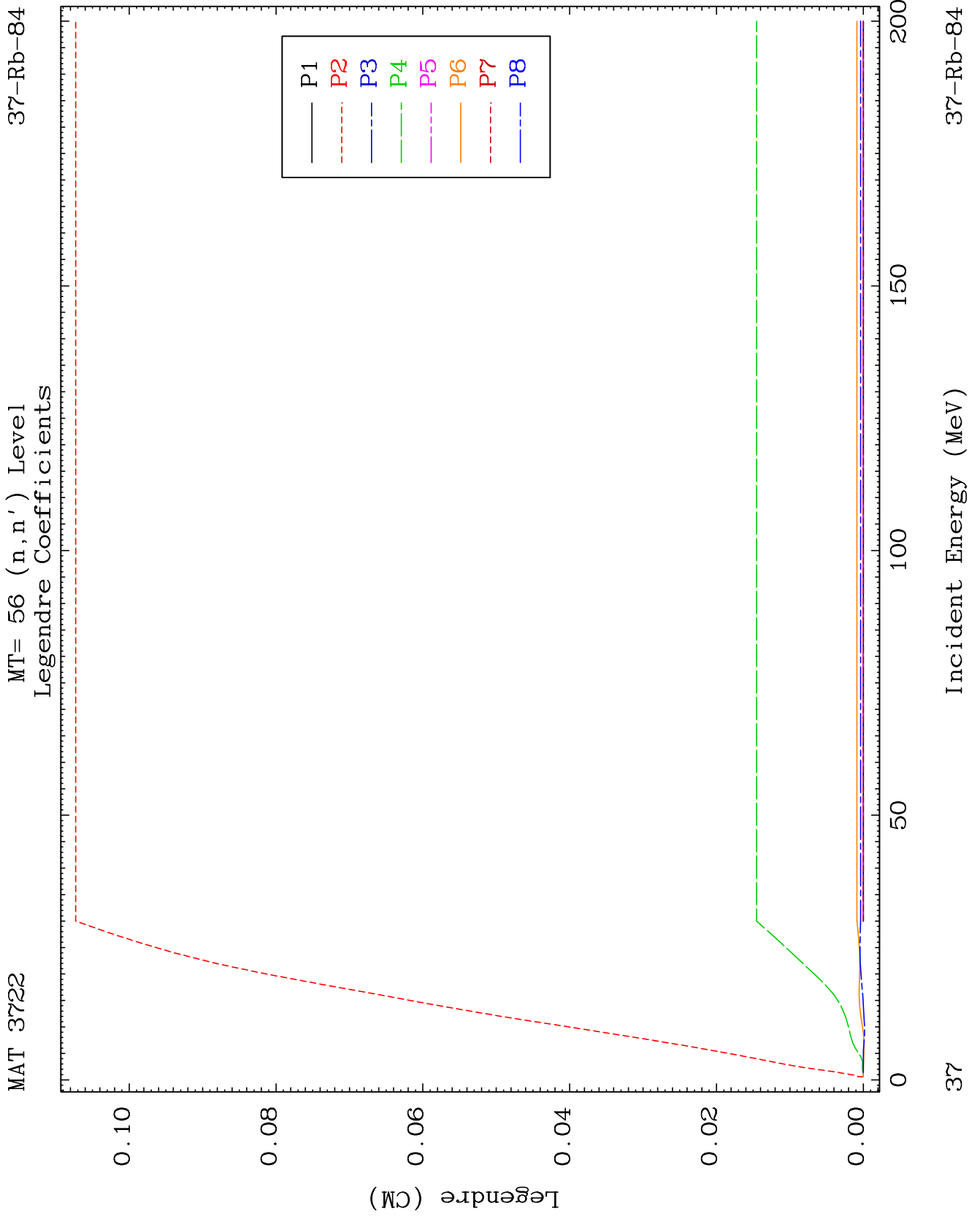


35

Incident Energy (MeV)

37-Rb-84

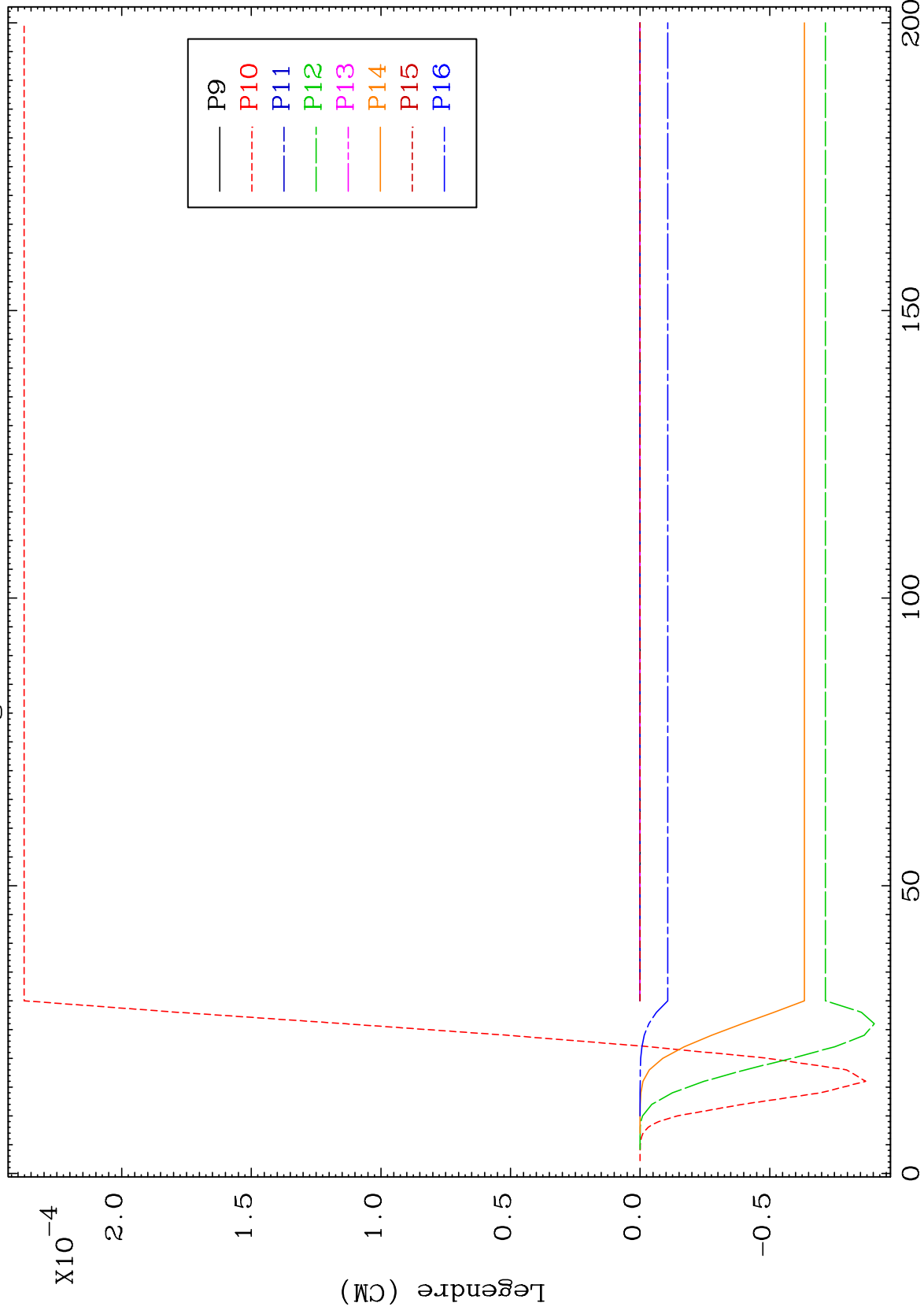




MAT 3722

MT= 56 (n,n') Level
Legendre Coefficients

37-Rb-84



38

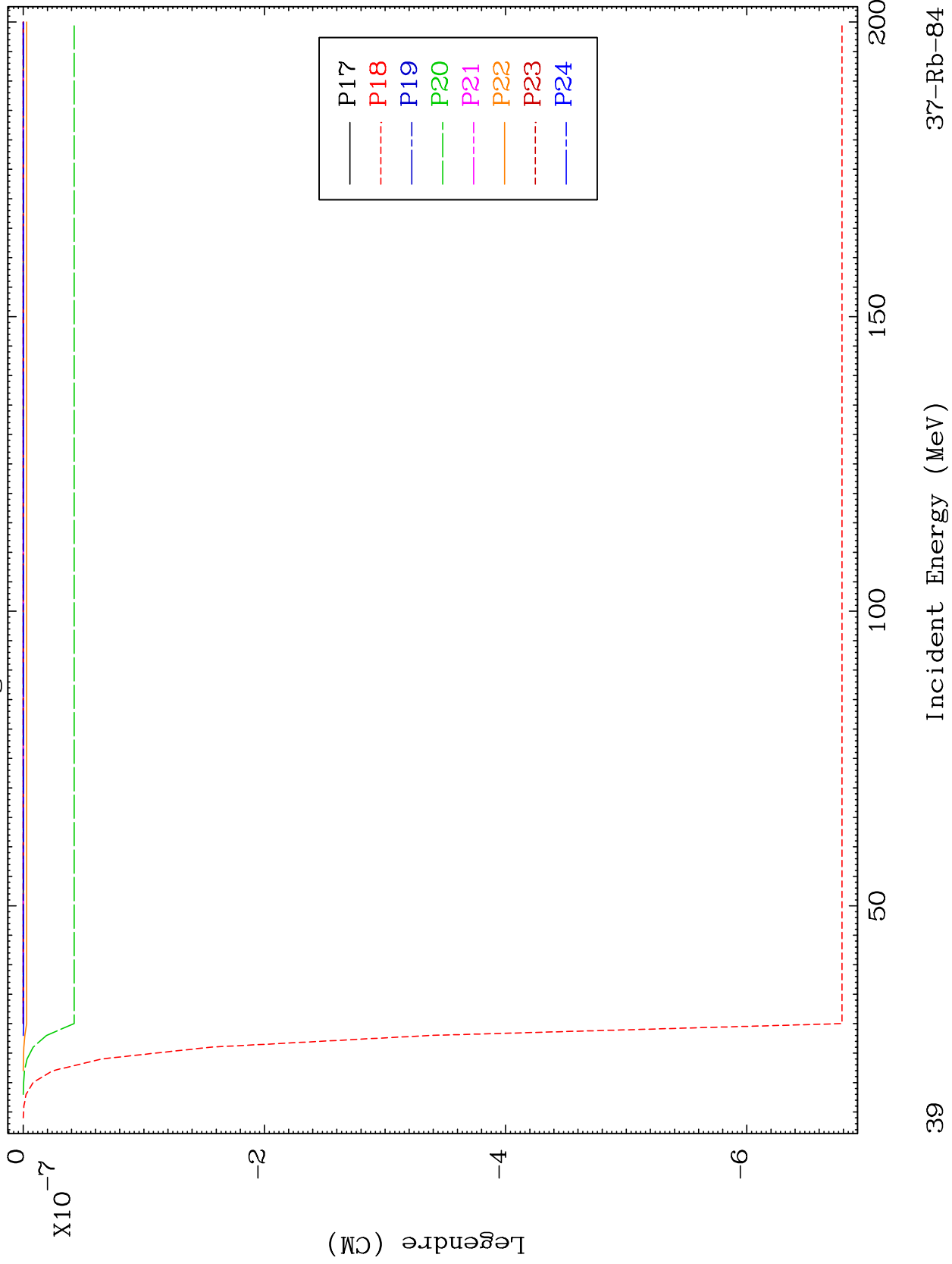
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 56 (n,n') Level
Legendre Coefficients

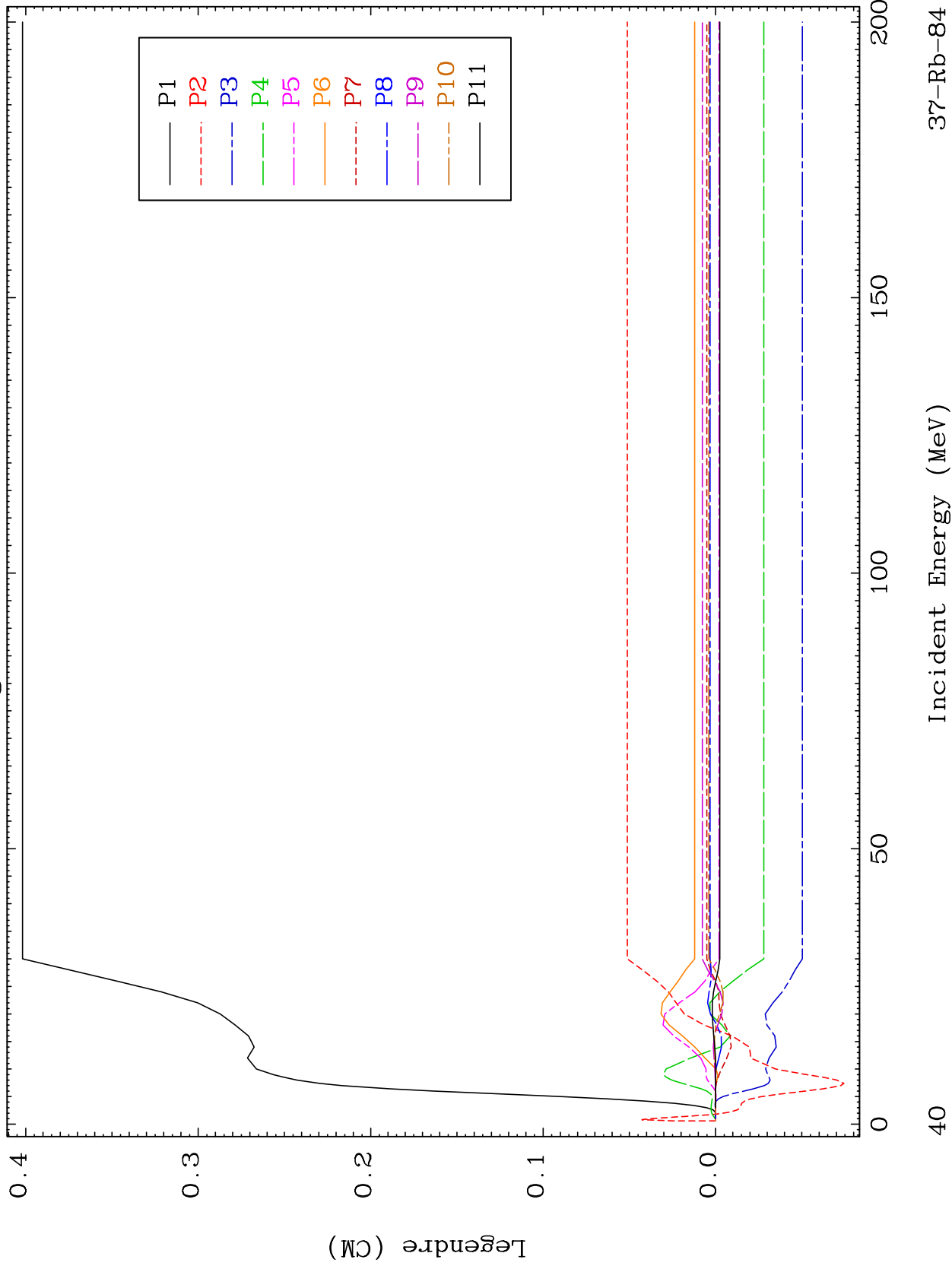
37-Rb-84



MAT 3722

MT= 57 (n,n') Level
Legendre Coefficients

37-Rb-84

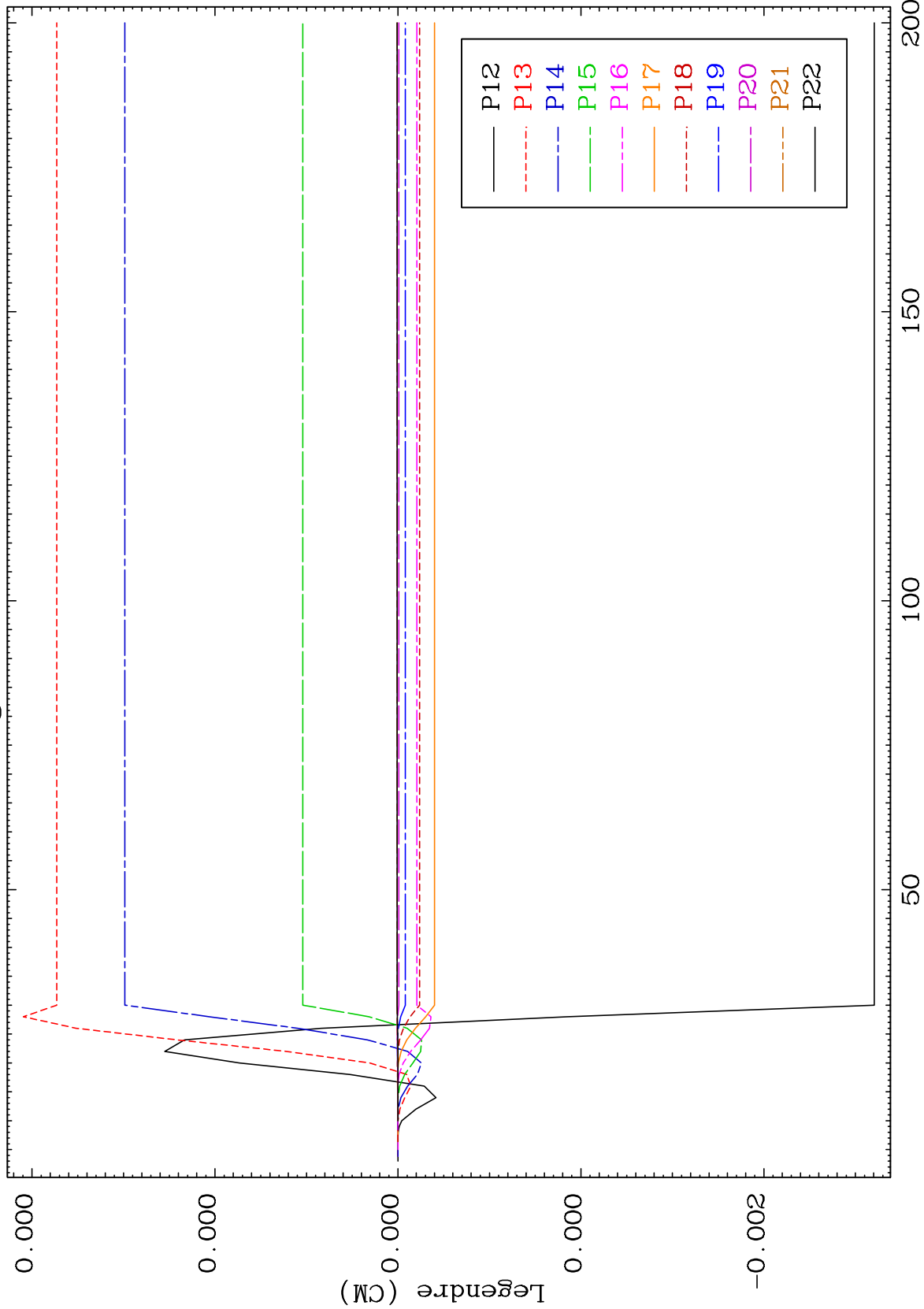


37-Rb-84

MAT 3722

MT= 57 (n,n') Level
Legendre Coefficients

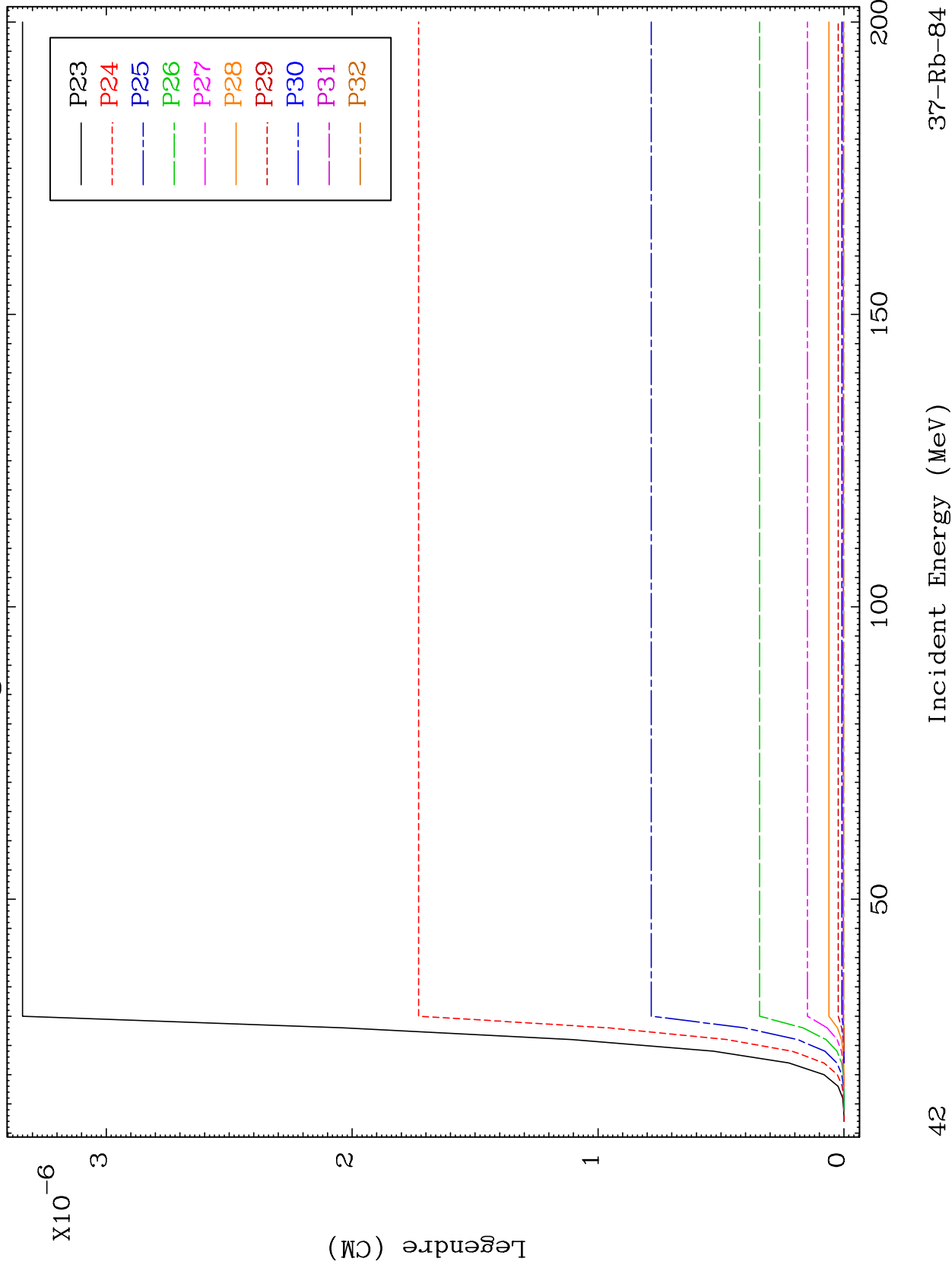
37-Rb-84



MAT 3722

MT= 57 (n,n') Level
Legendre Coefficients

37-Rb-84



42

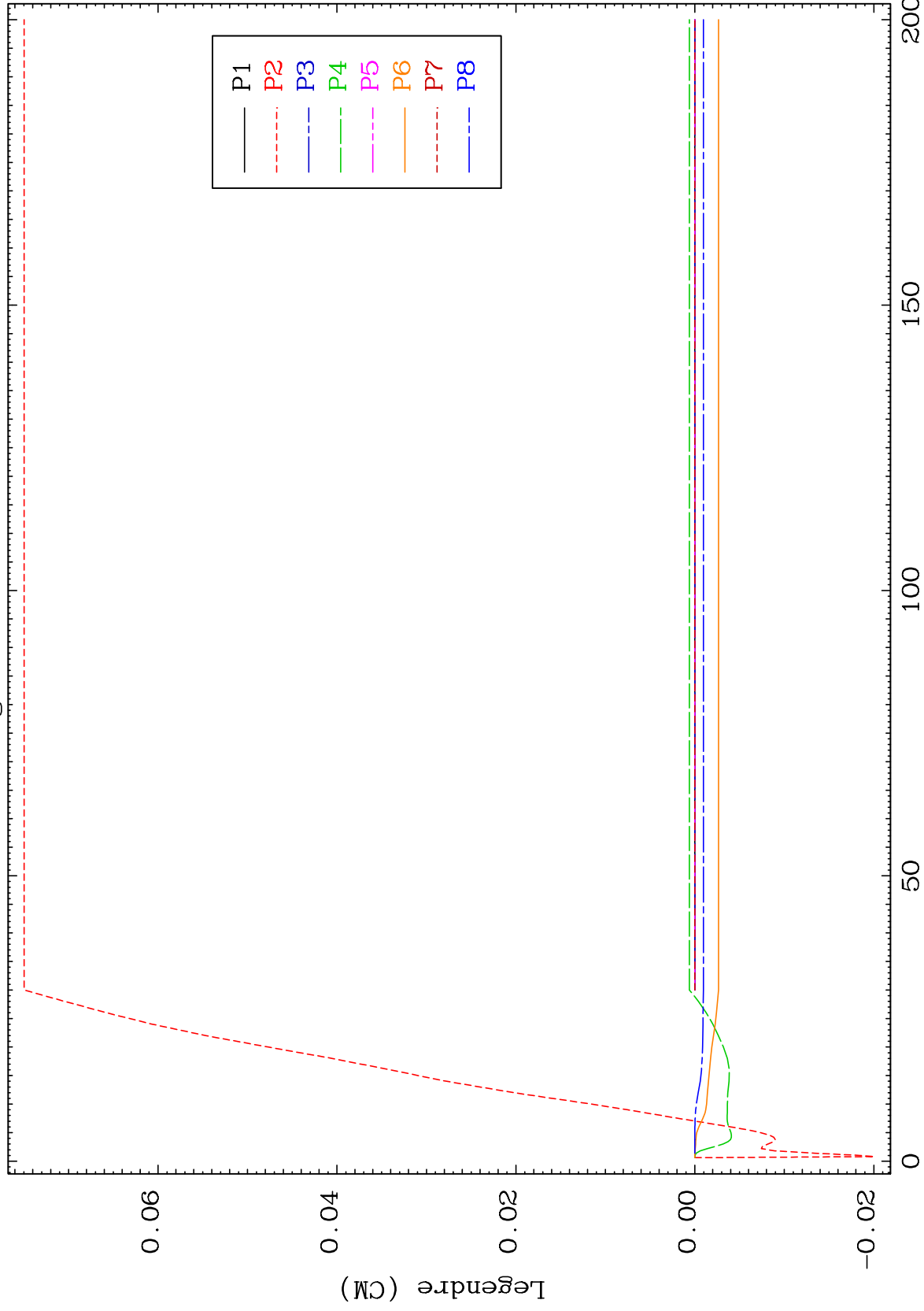
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 58 (n,n') Level
Legendre Coefficients

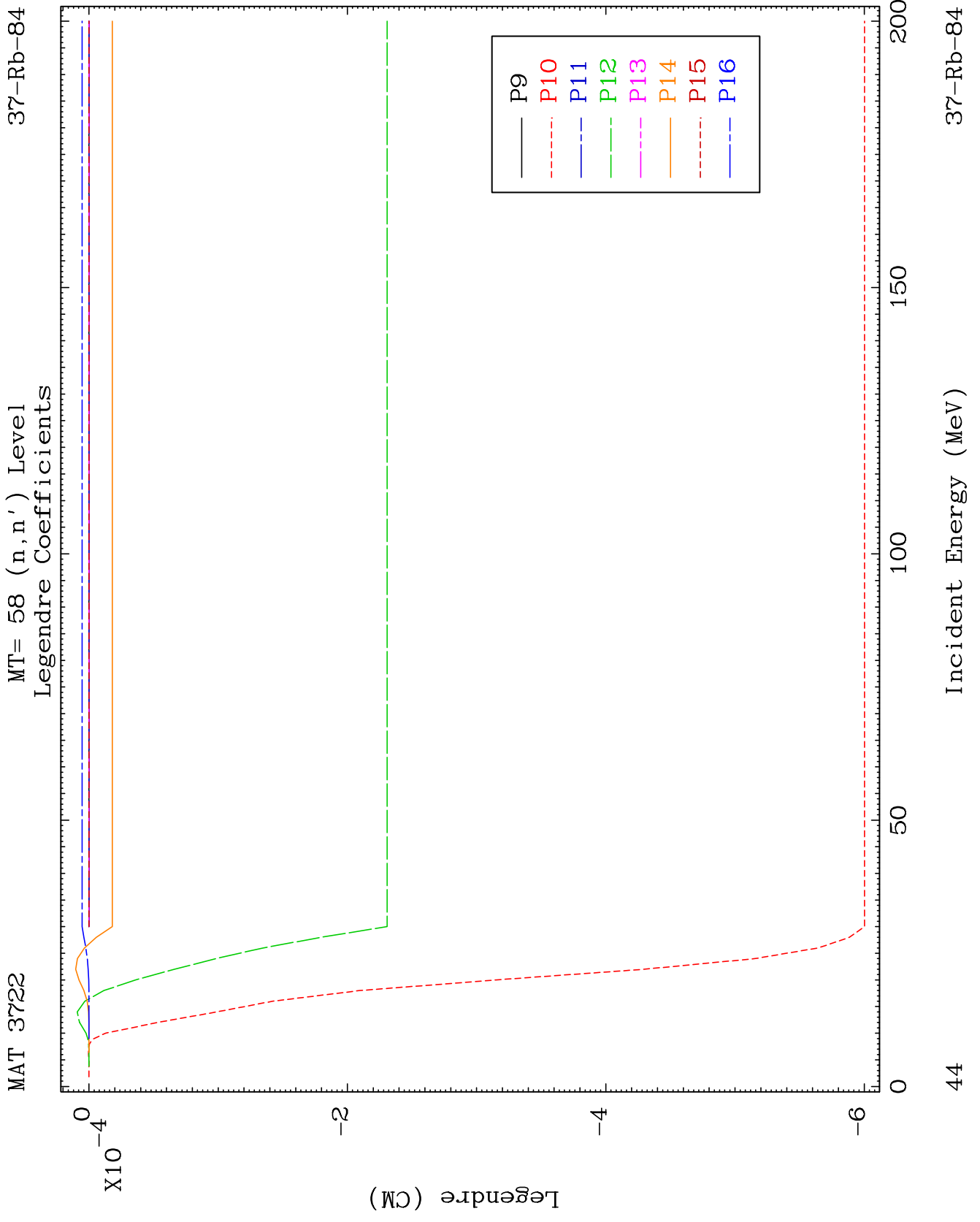
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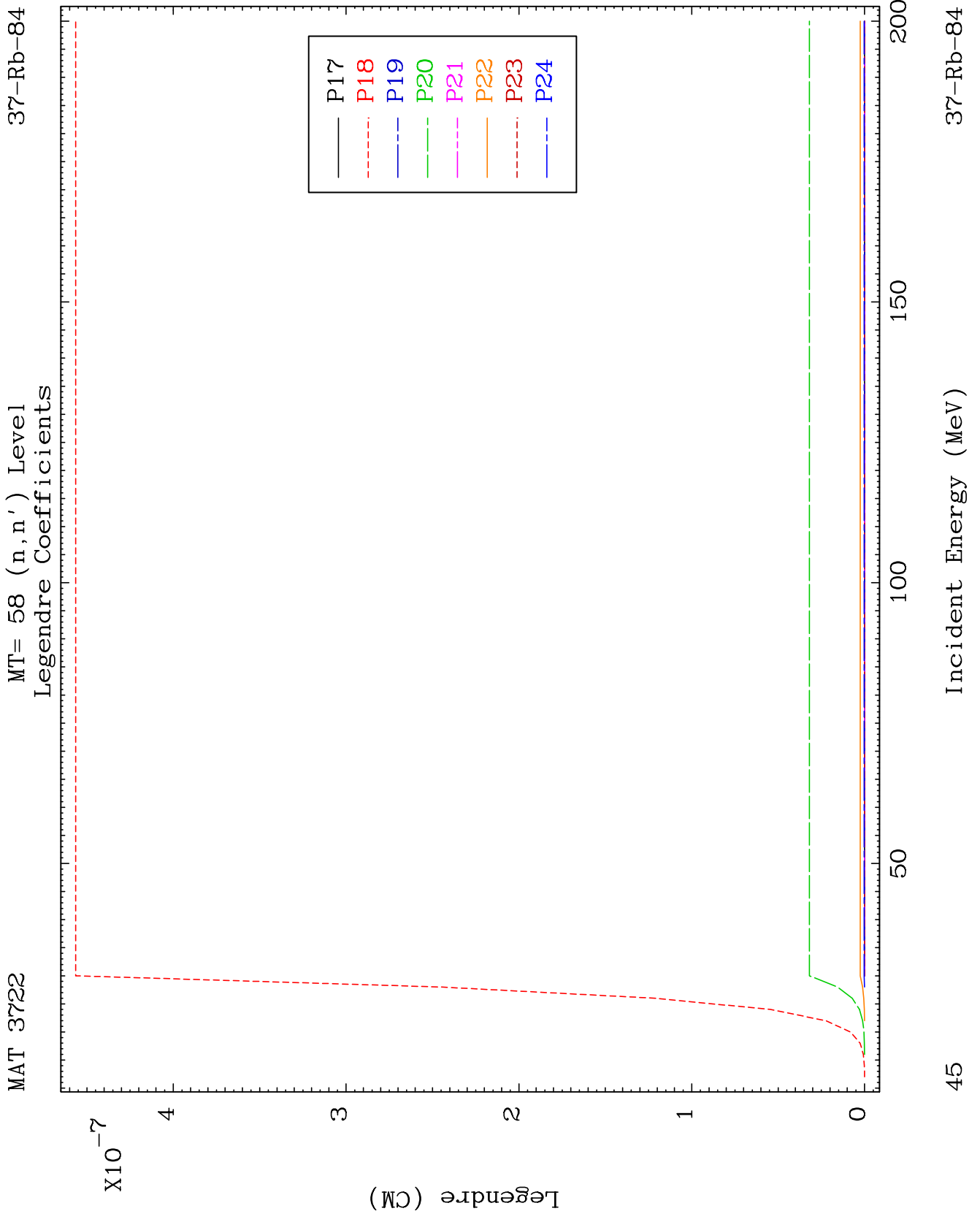


43

Incident Energy (MeV)

37-Rb-84

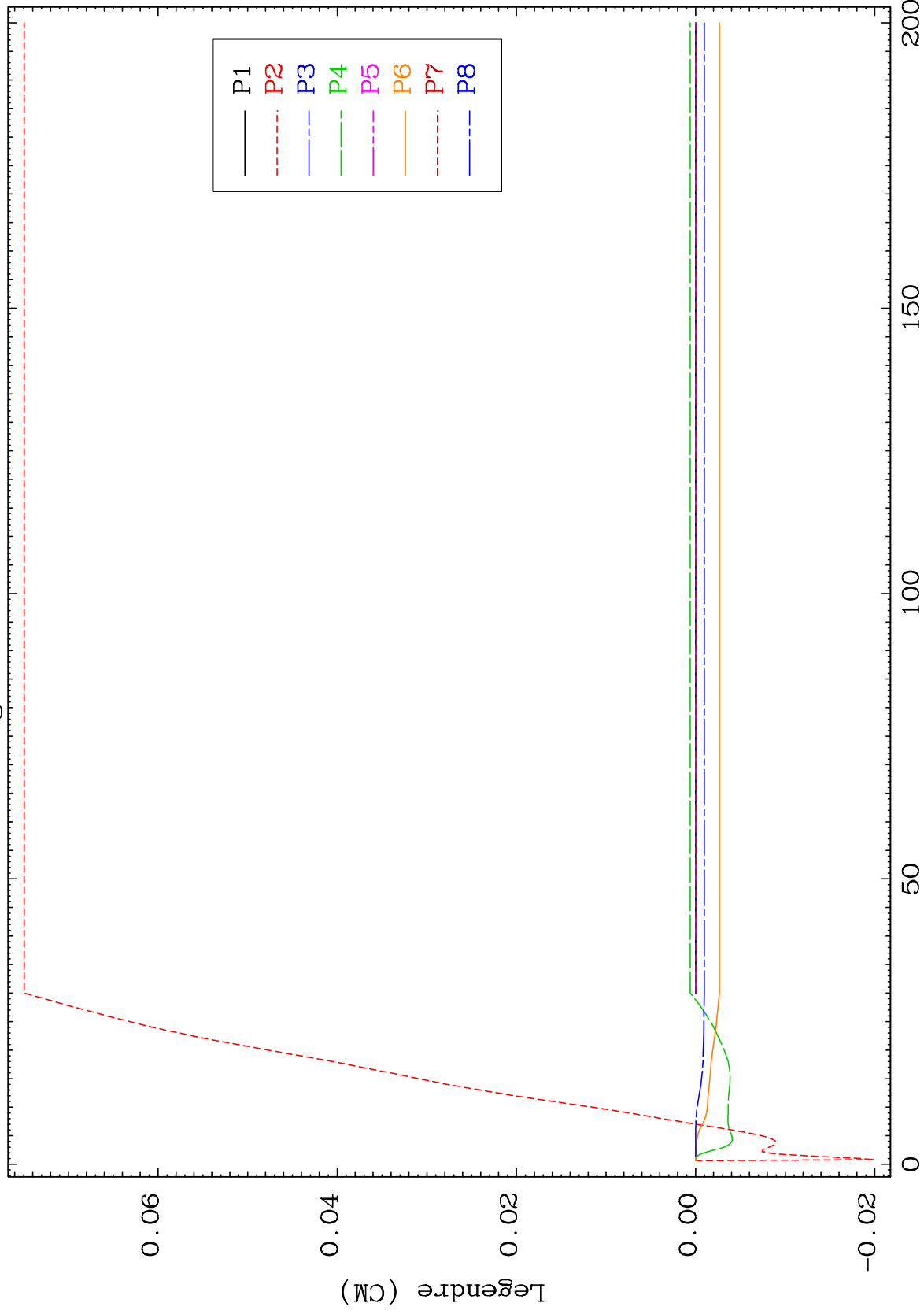




MAT 3722

MT= 59 (n,n') Level
Legendre Coefficients

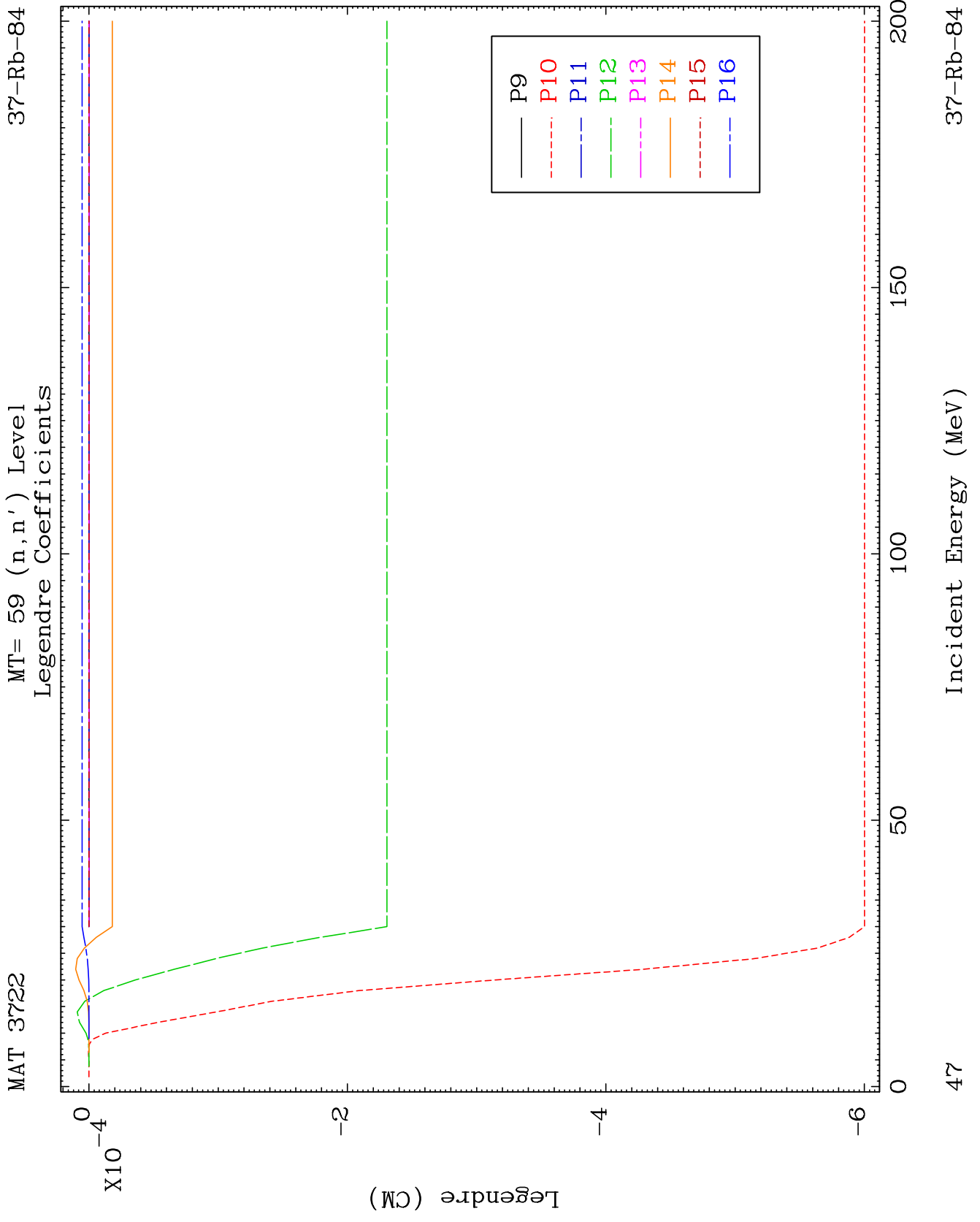
37-Rb-84



46

Incident Energy (MeV)

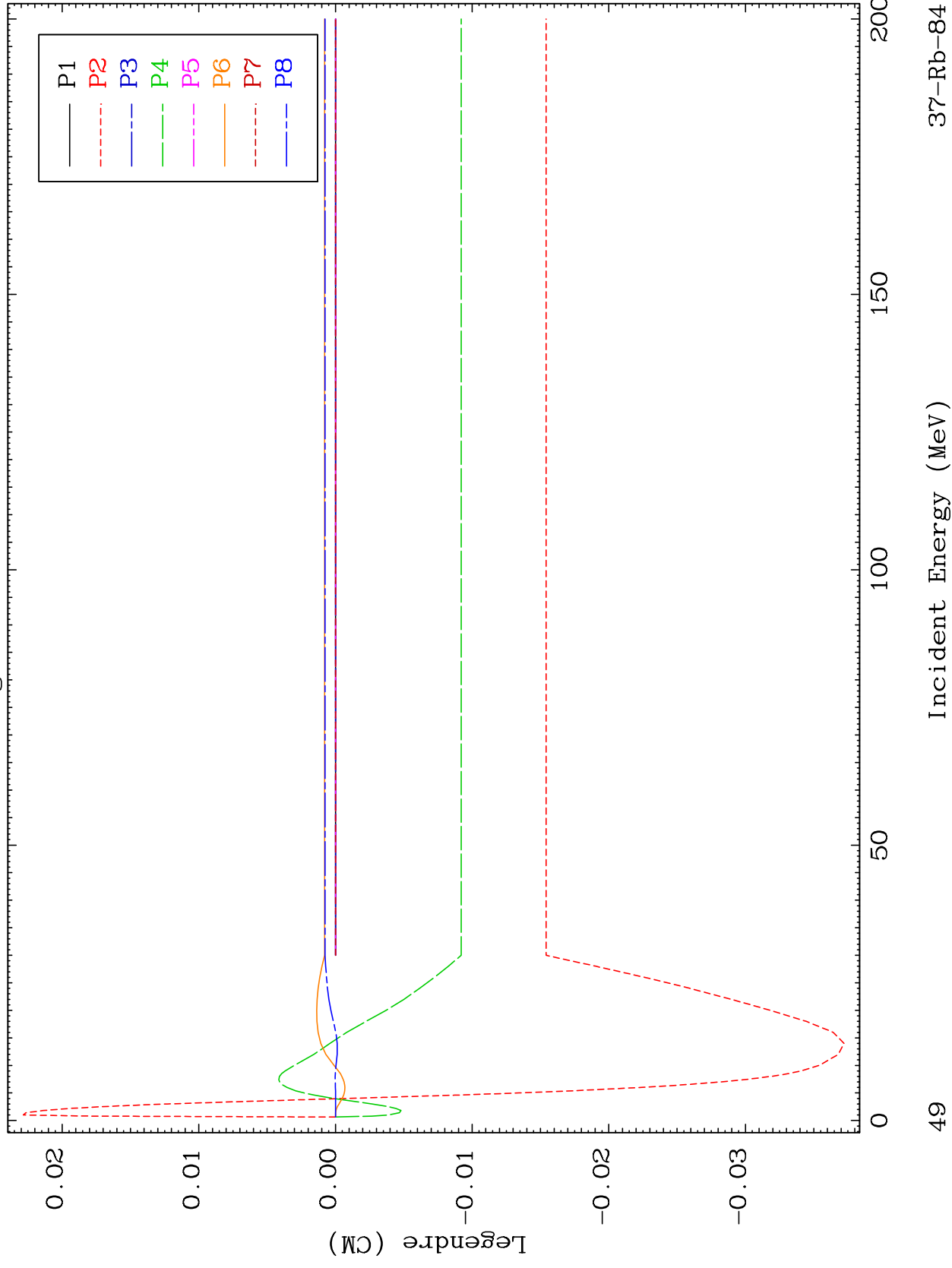
37-Rb-84



MAT 3722

MT= 60 (n,n') Level
Legendre Coefficients

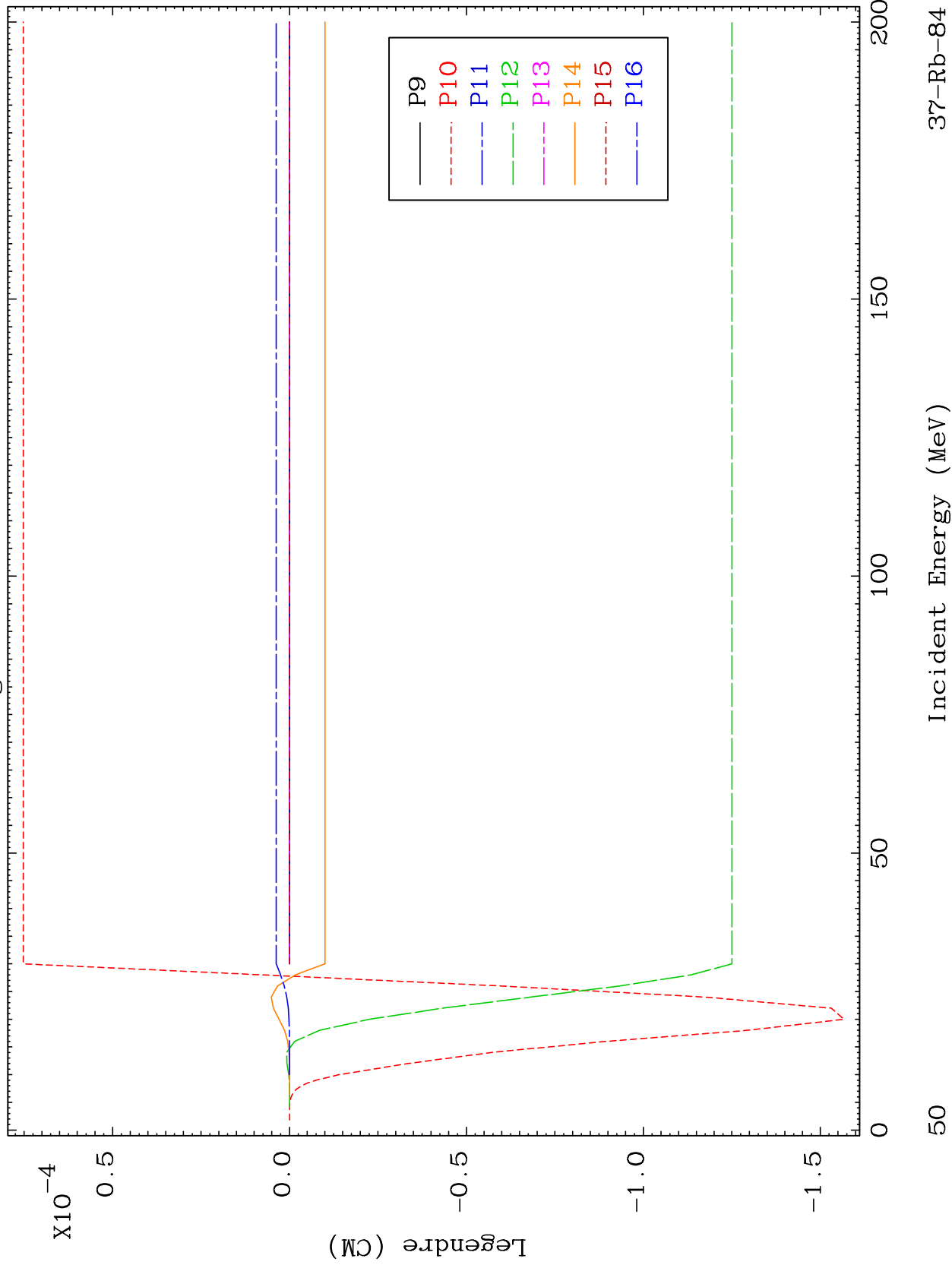
37-Rb-84

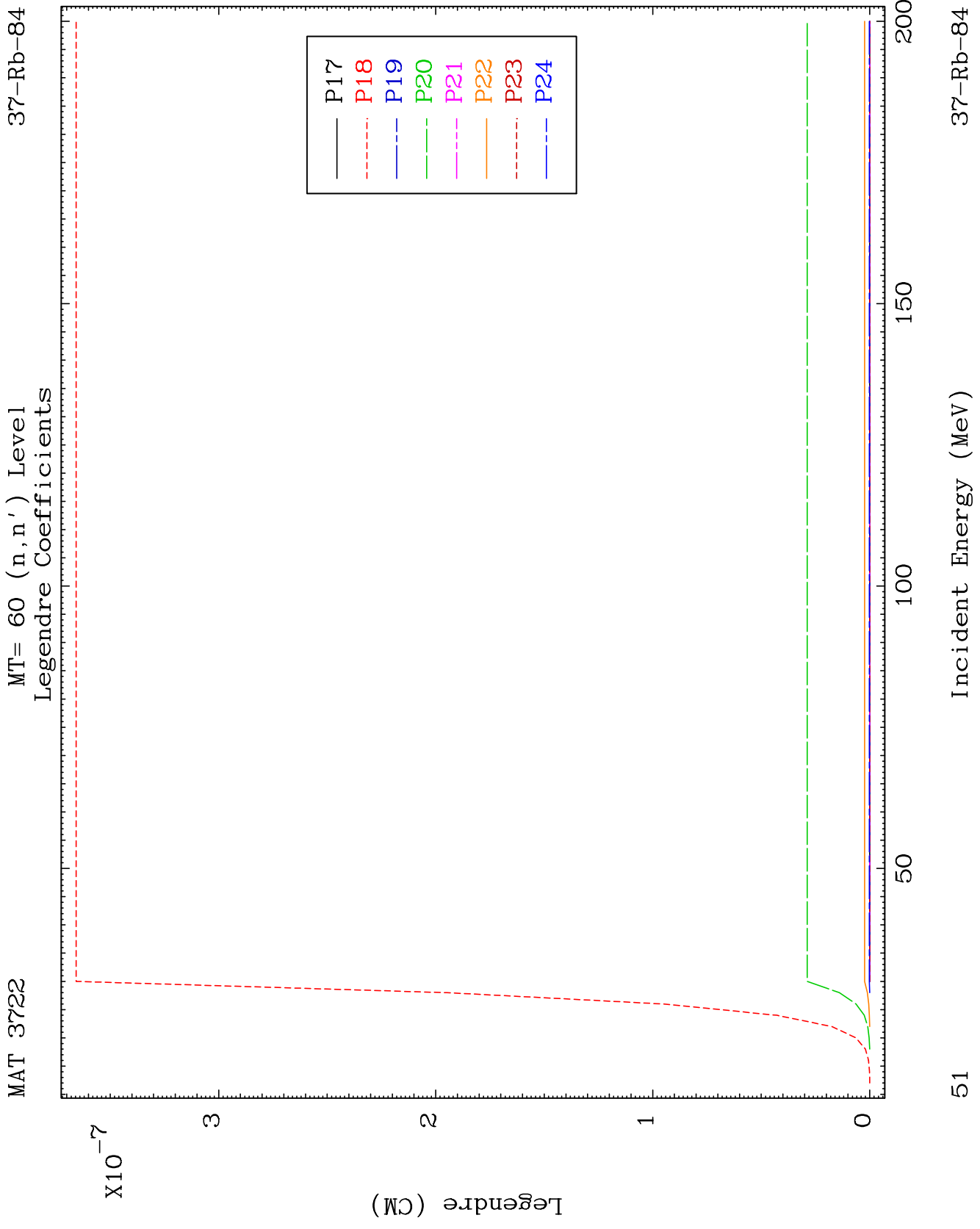


MAT 3722

MT= 60 (n,n') Level
Legendre Coefficients

37-Rb-84

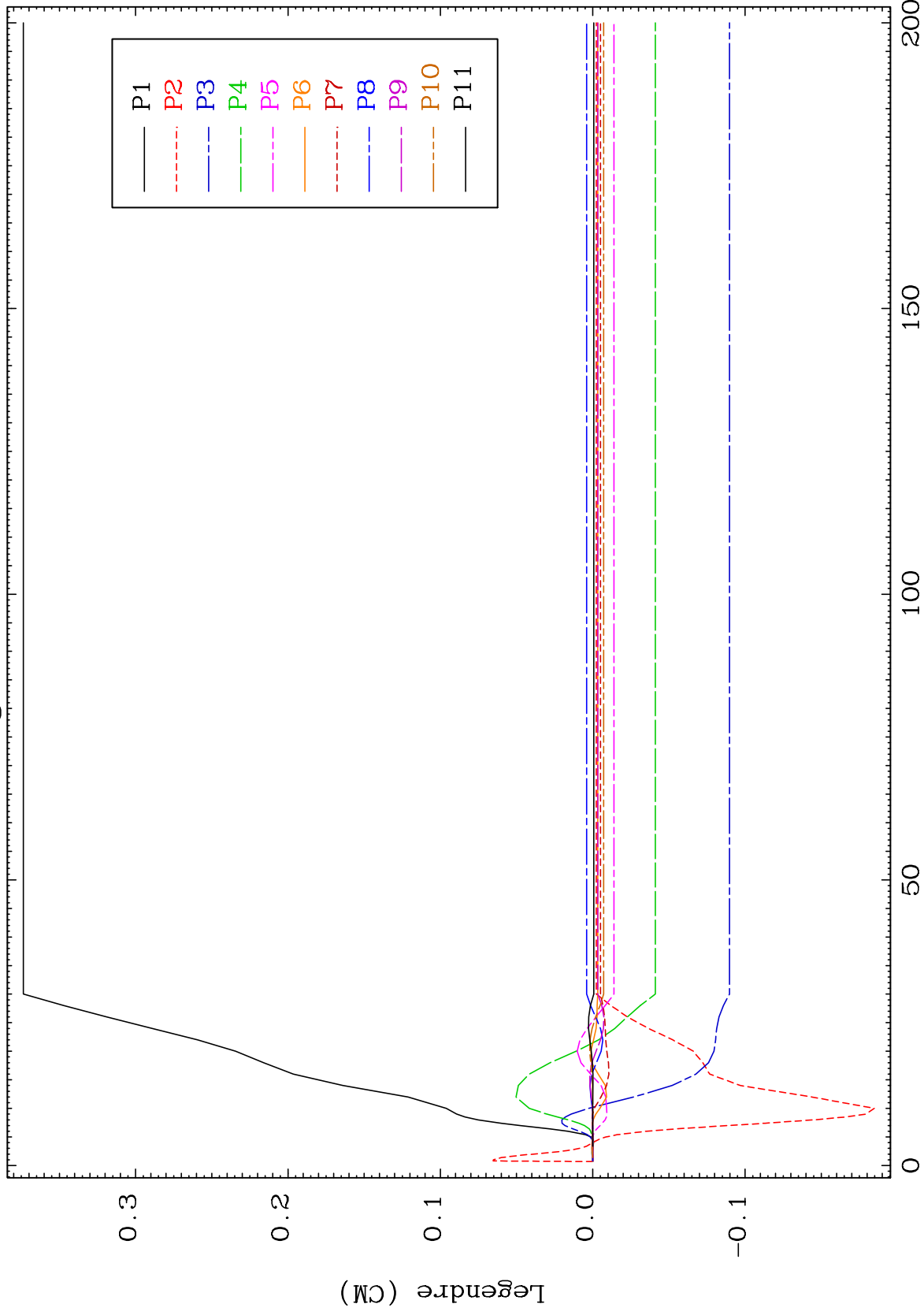




MAT 3722

MT= 61 (n,n') Level
Legendre Coefficients

37-Rb-84



52

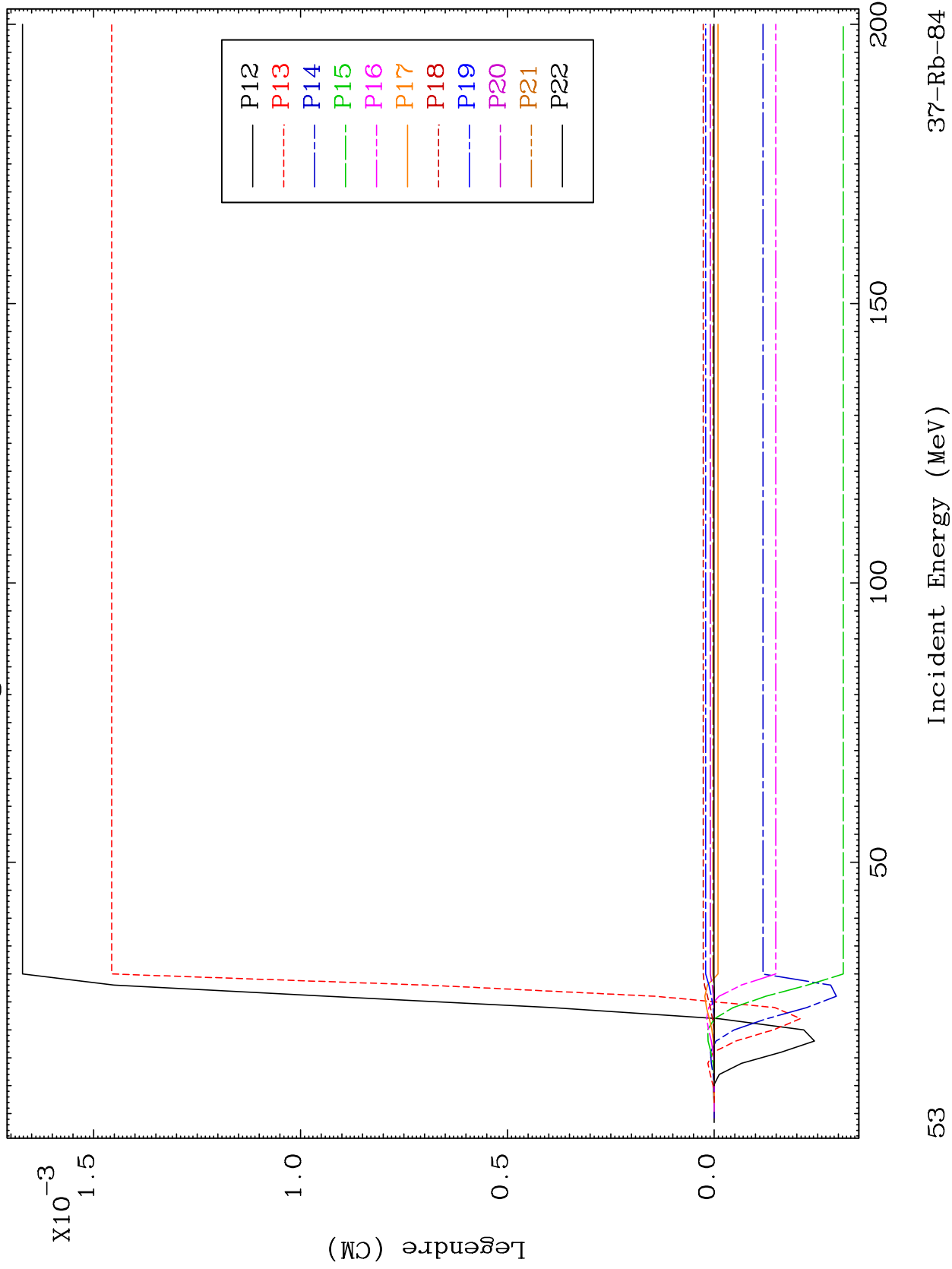
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 61 (n,n') Level
Legendre Coefficients

37-Rb-84

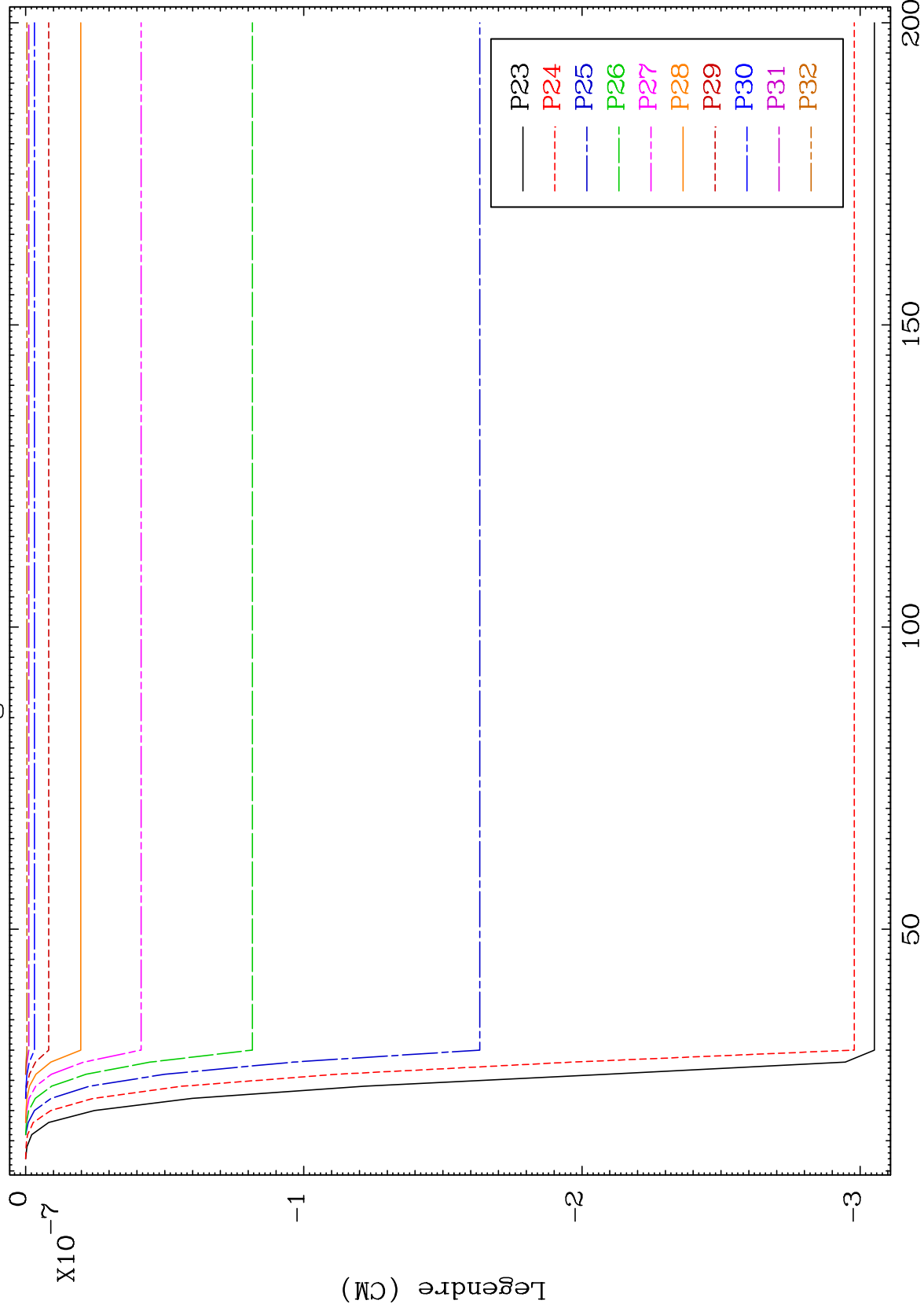


53

MAT 3722

MT= 61 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

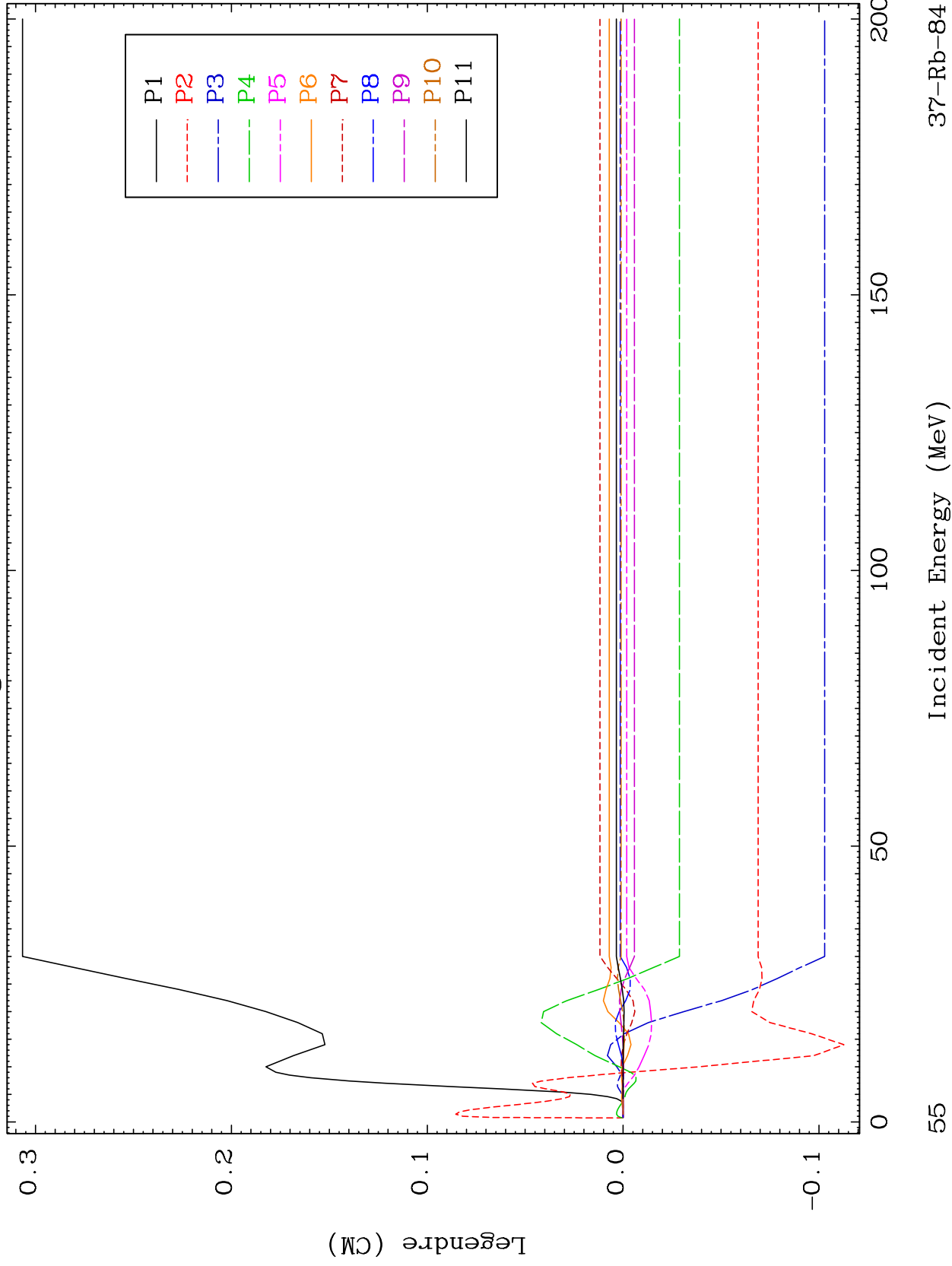
Incident Energy (MeV)

54

MAT 3722

MT= 62 (n,n') Level
Legendre Coefficients

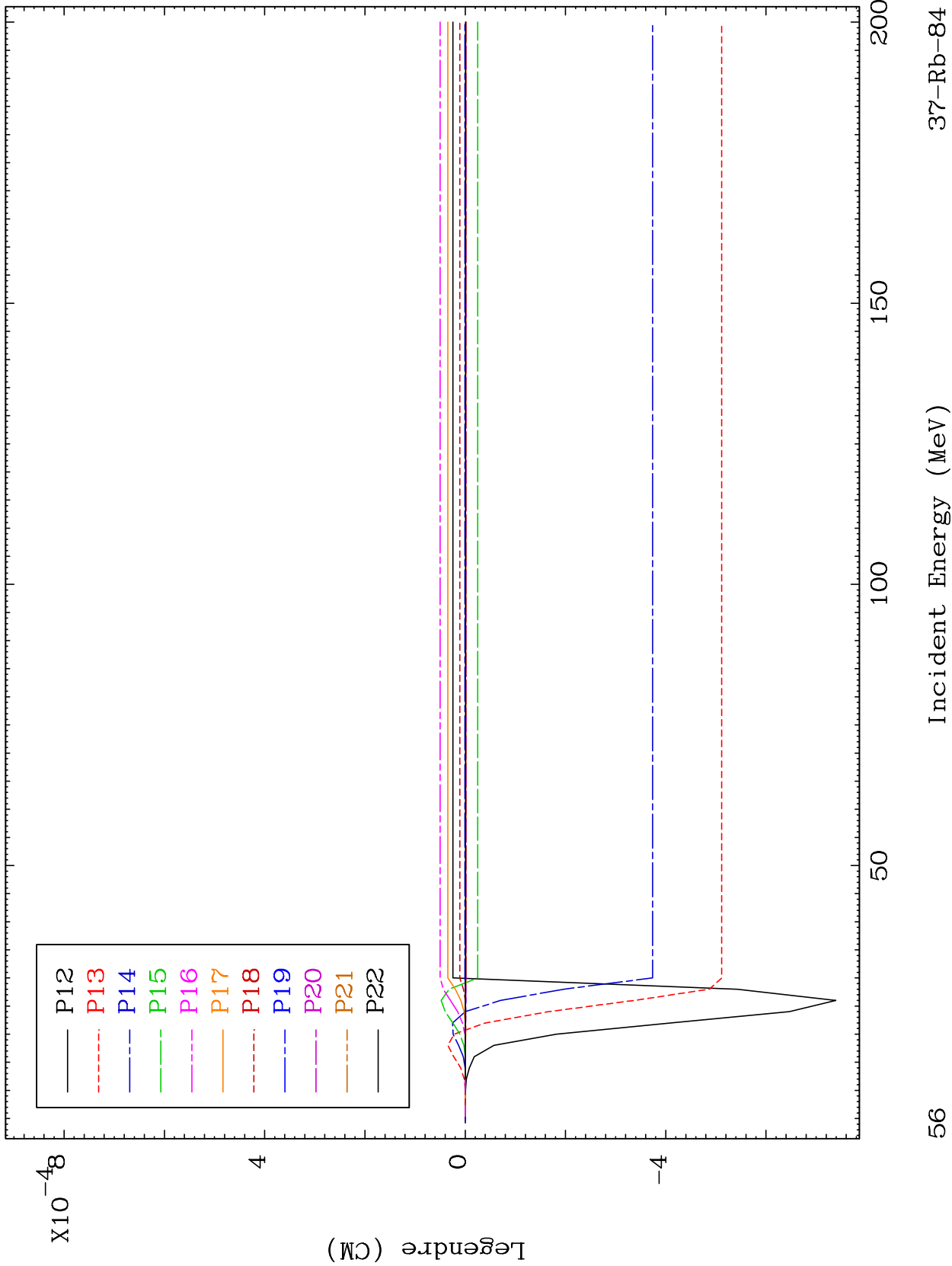
37-Rb-84



37-Rb-84

Incident Energy (MeV)

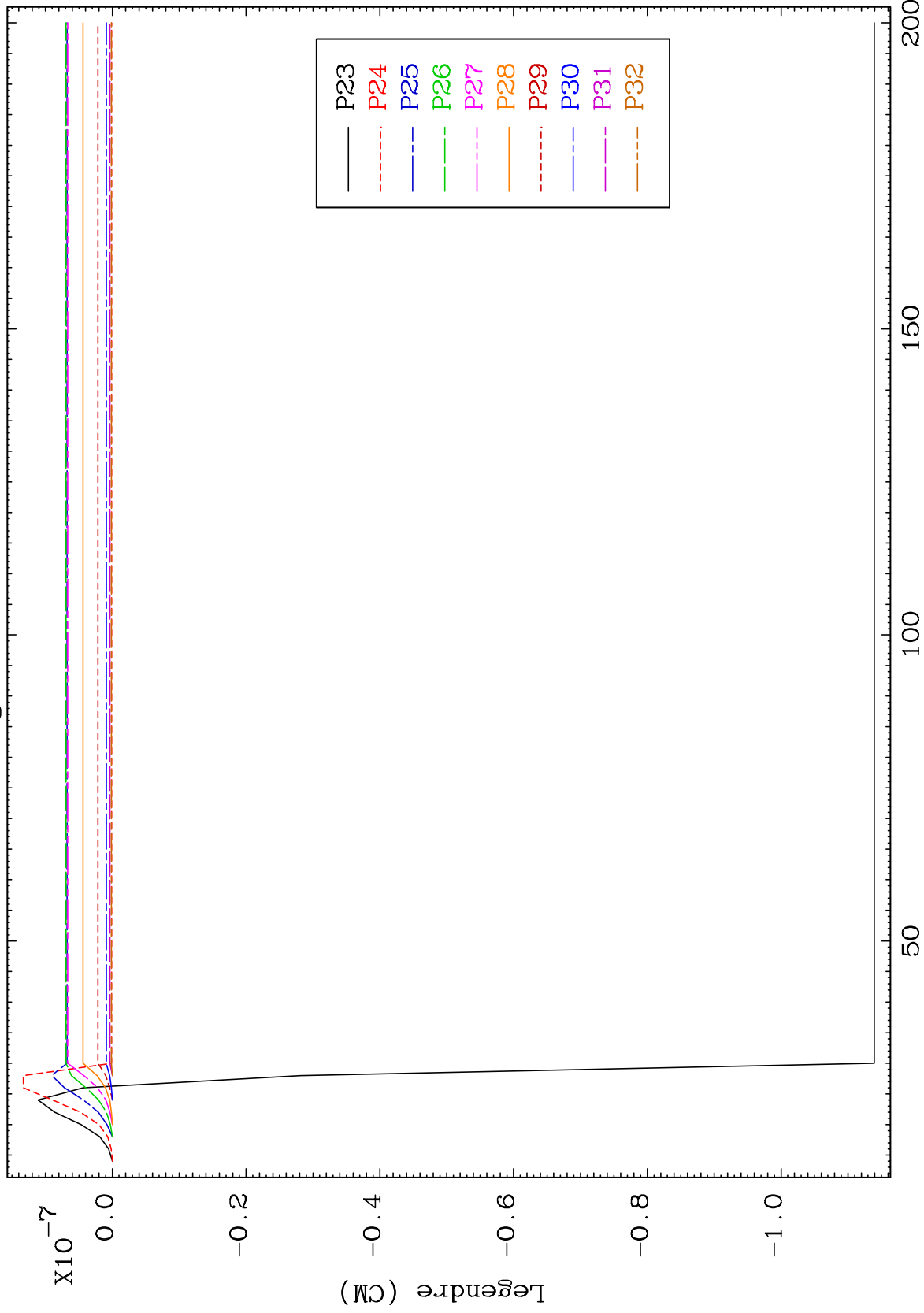
55



MAT 3722

MT= 62 (n,n') Level
Legendre Coefficients

37-Rb-84



57

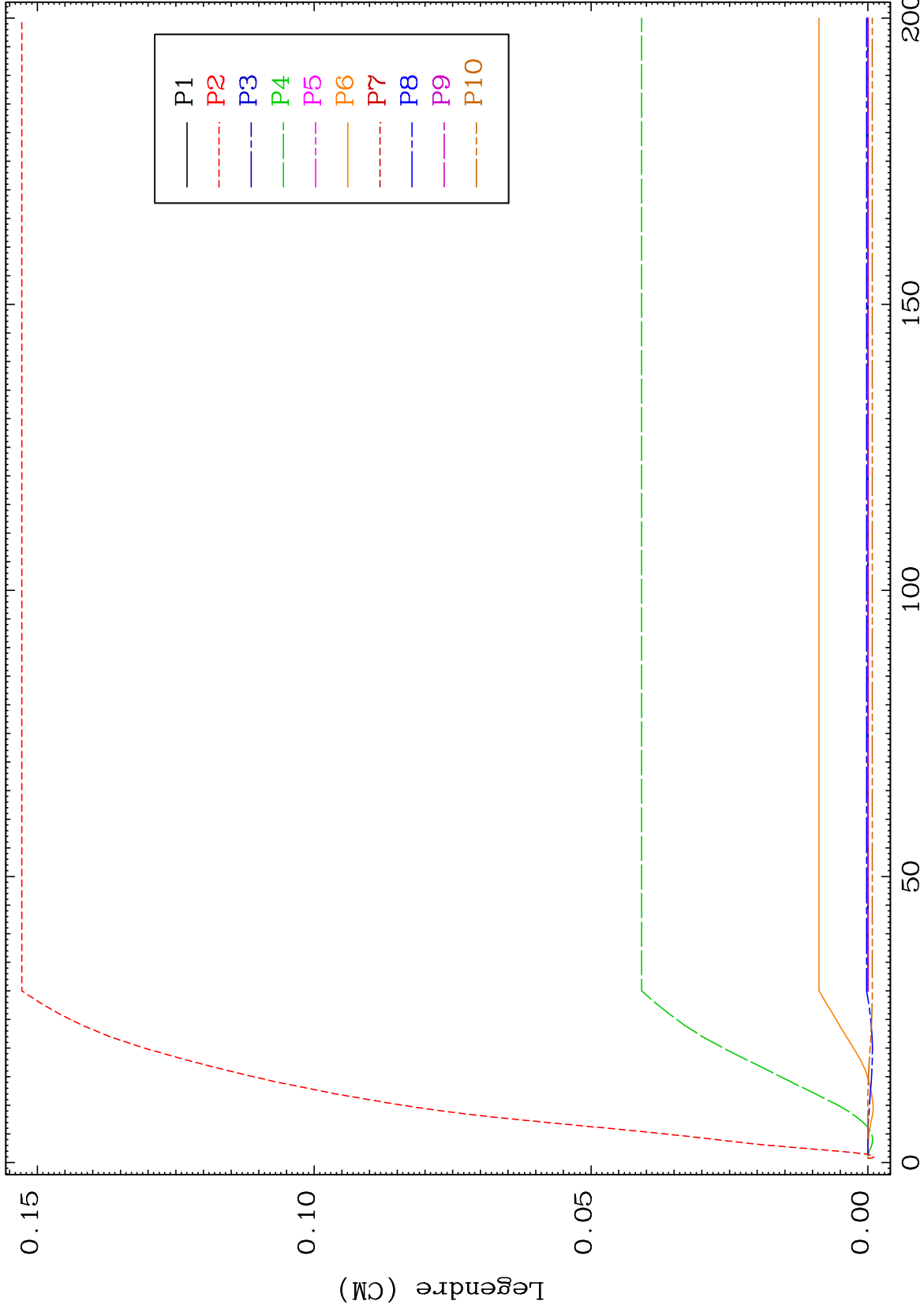
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 63 (n,n') Level
Legendre Coefficients

37-Rb-84



58

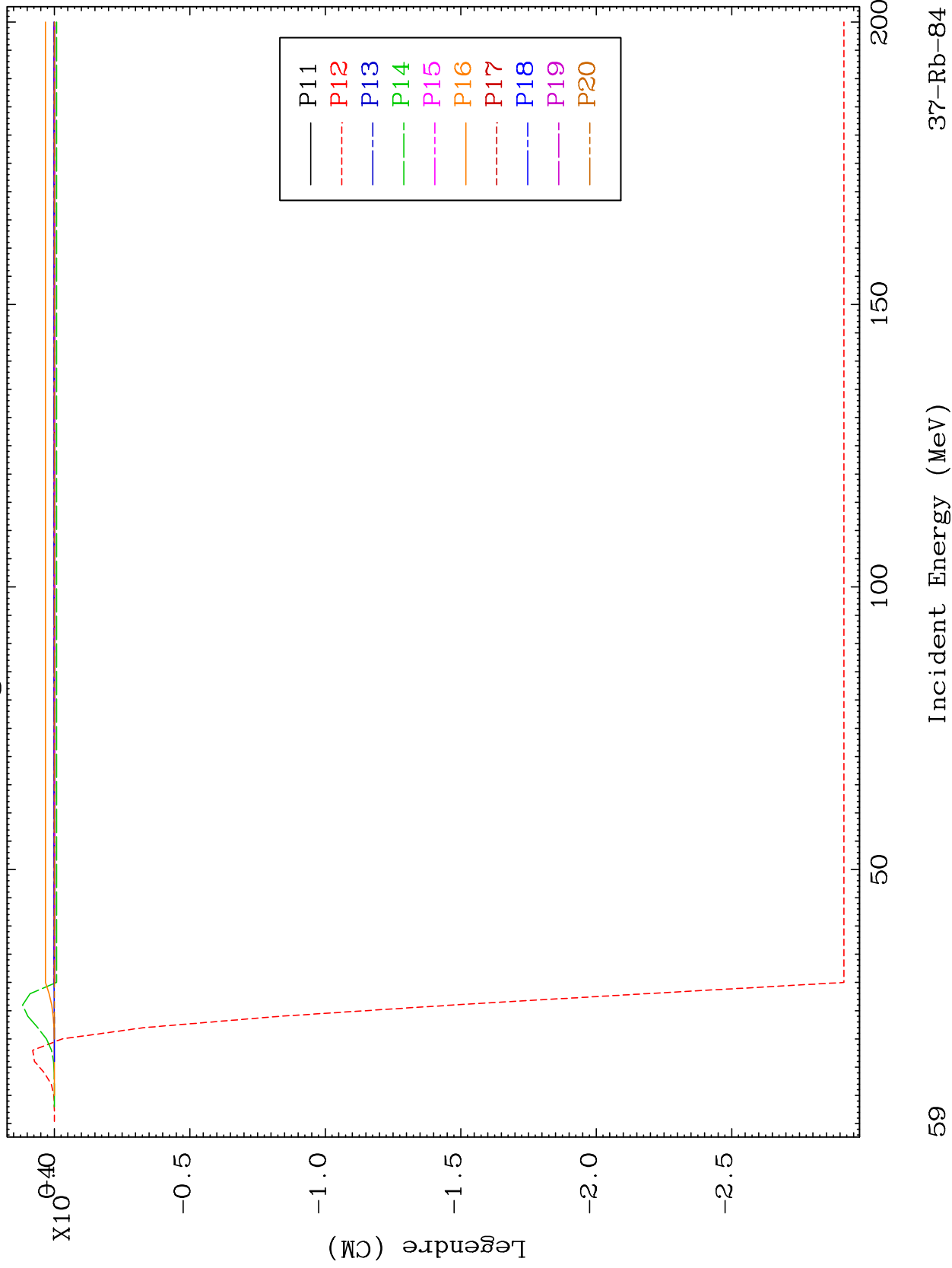
Incident Energy (MeV)

37-Rb-84

MAT 3722

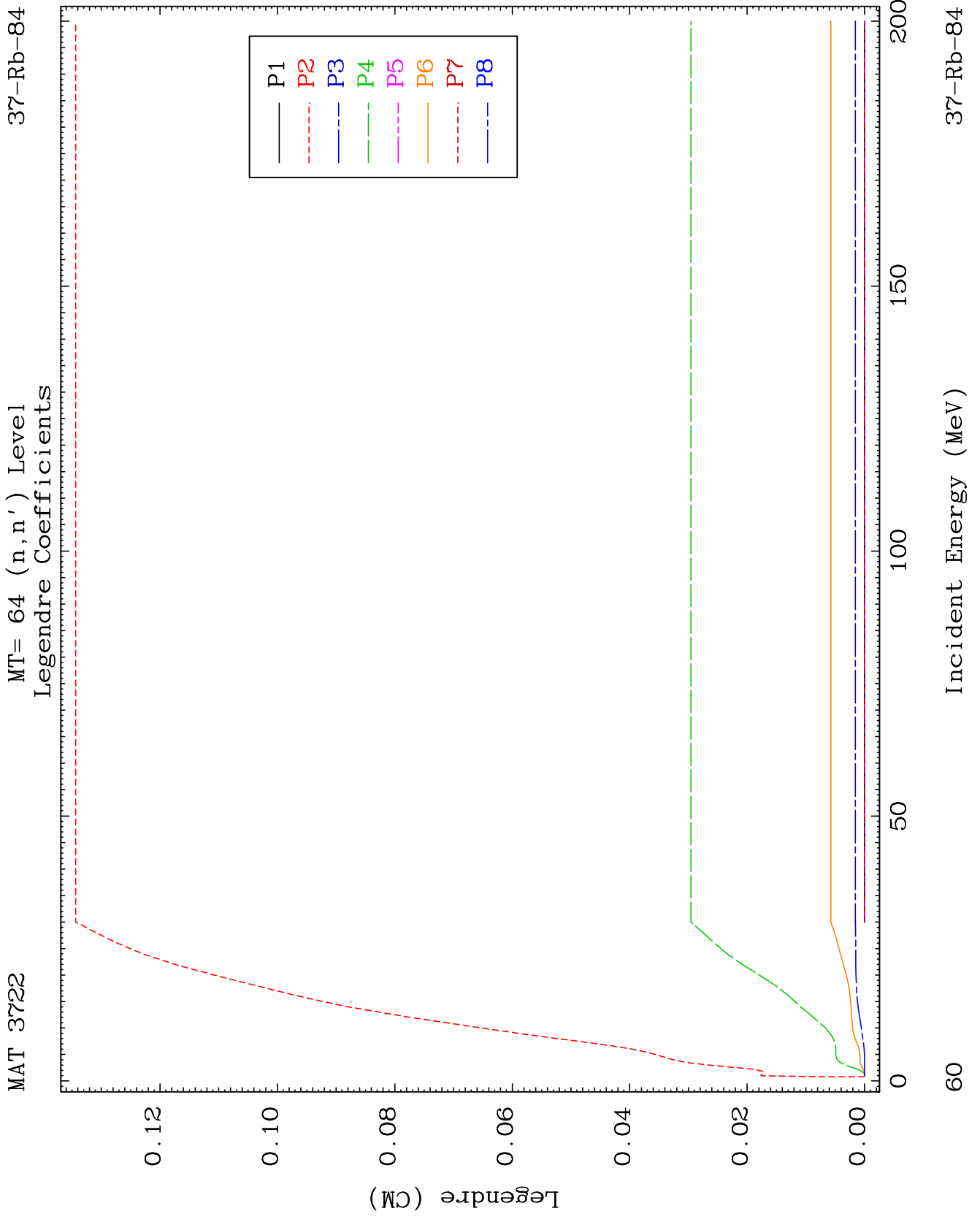
MT= 63 (n,n') Level
Legendre Coefficients

37-Rb-84



59

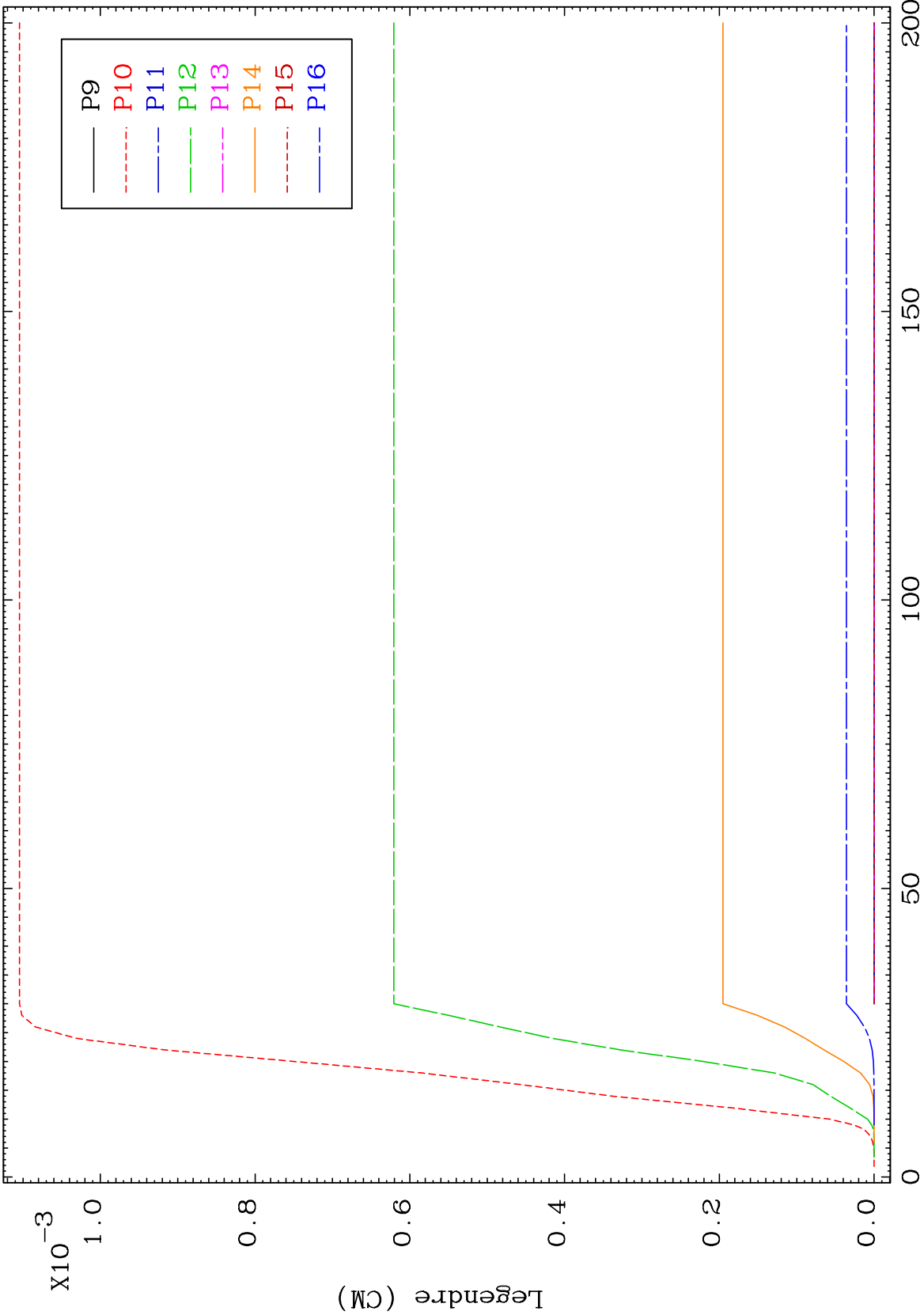
37-Rb-84



MAT 3722

MT= 64 (n,n') Level
Legendre Coefficients

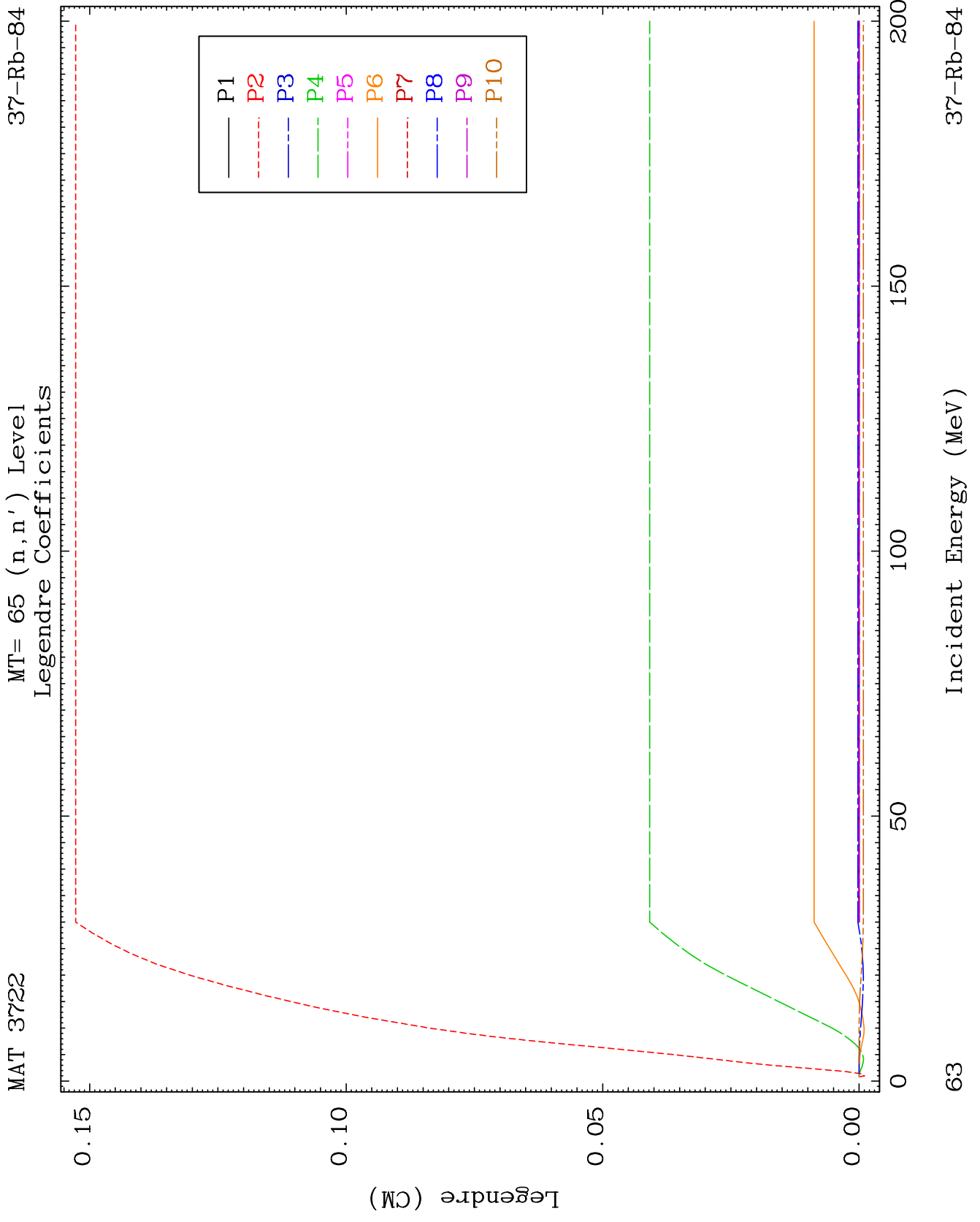
37-Rb-84



61

Incident Energy (MeV)

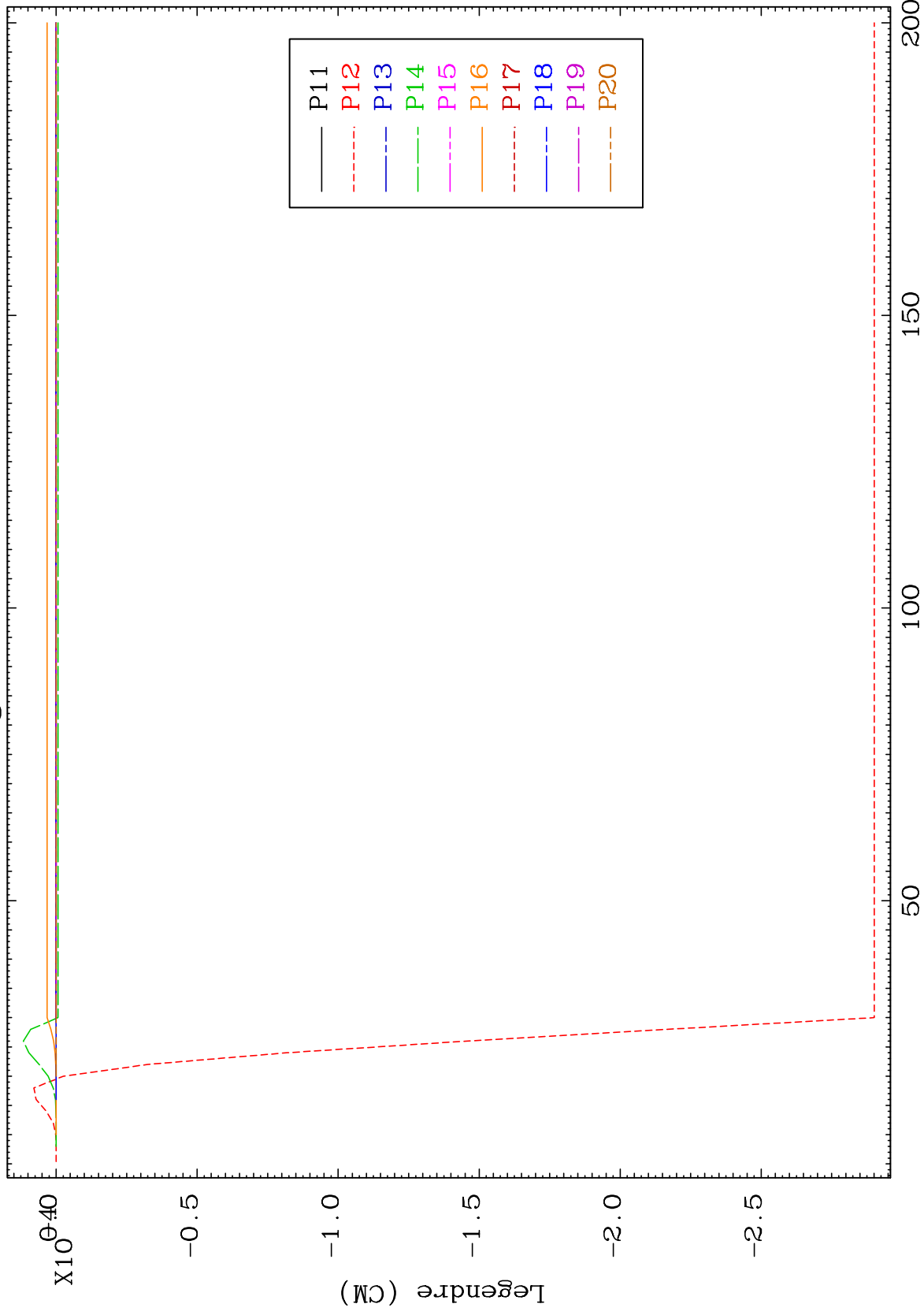
37-Rb-84



MAT 3722

MT= 65 (n,n') Level
Legendre Coefficients

37-Rb-84



64

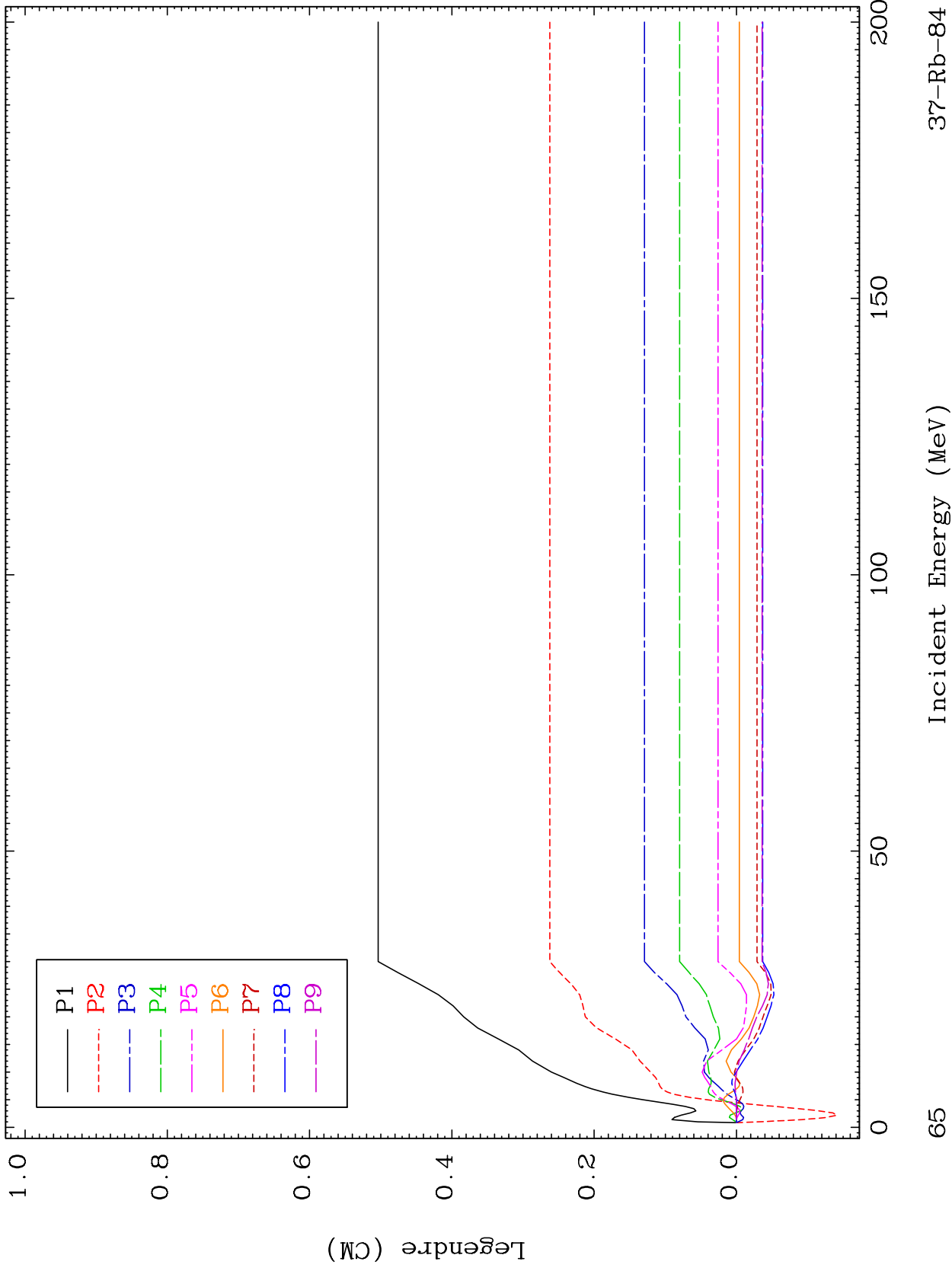
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 66 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

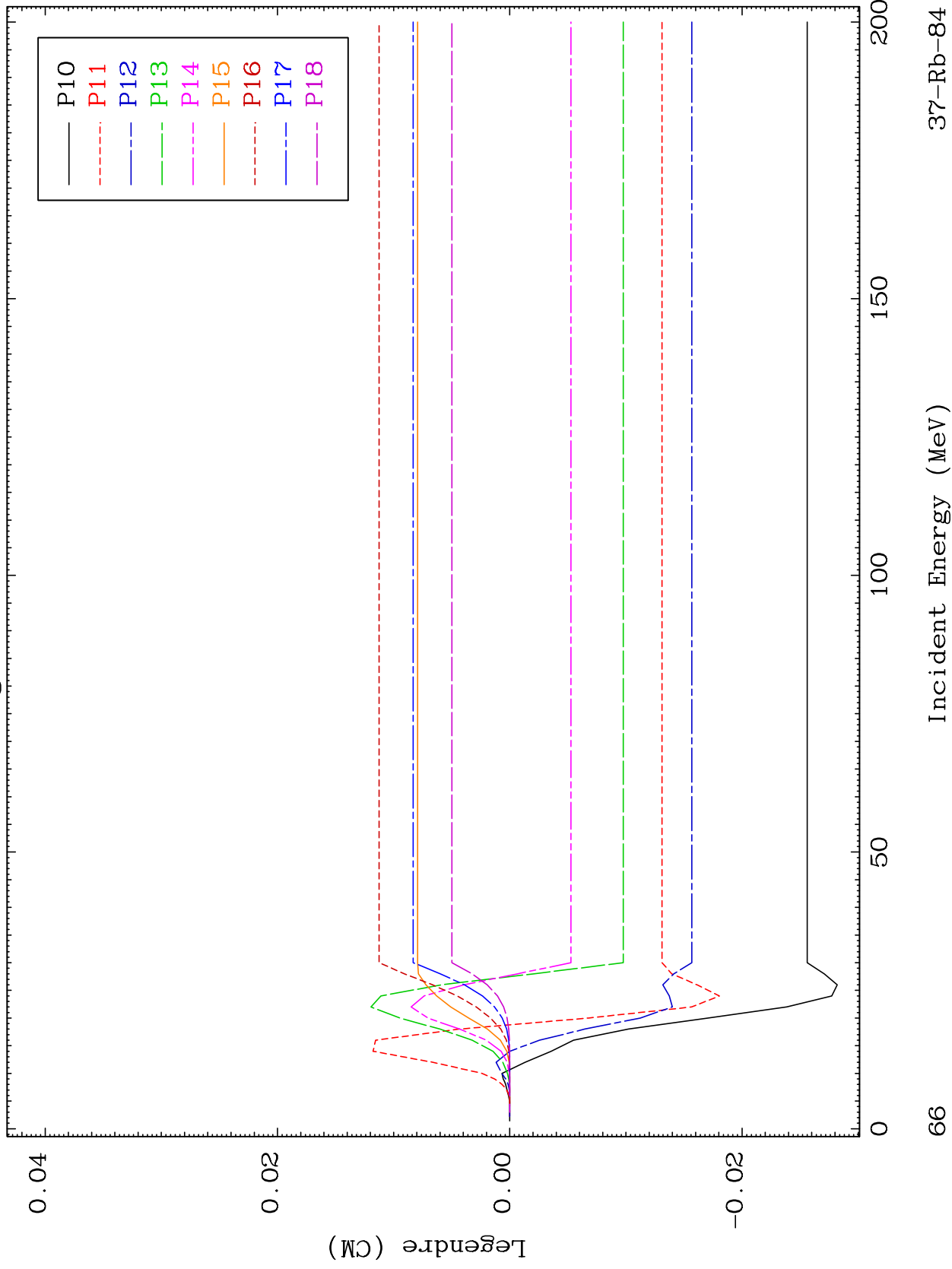
Incident Energy (MeV)

65

MAT 3722

MT= 66 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

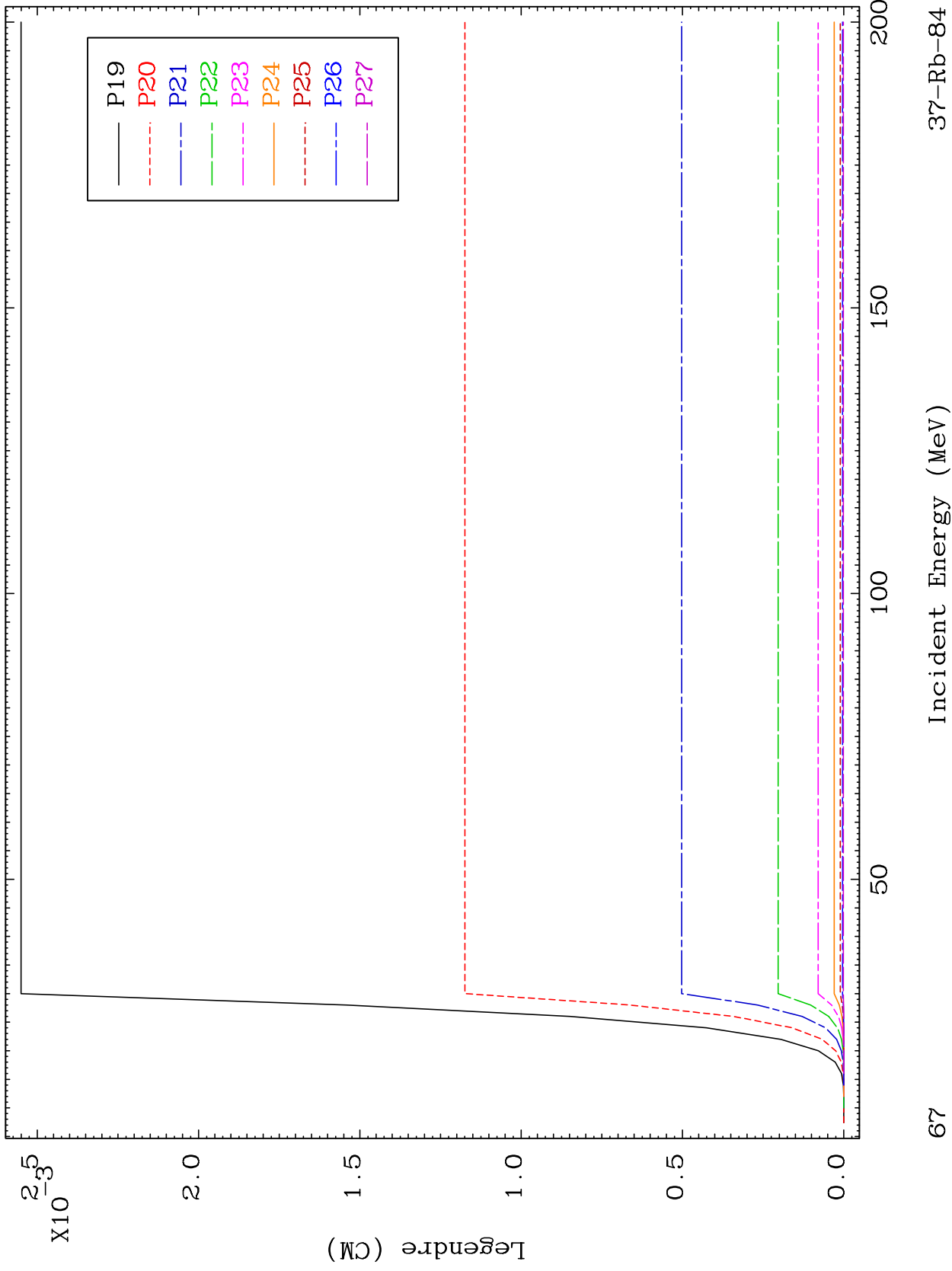
Incident Energy (MeV)

66

MAT 3722

MT= 66 (n,n') Level
Legendre Coefficients

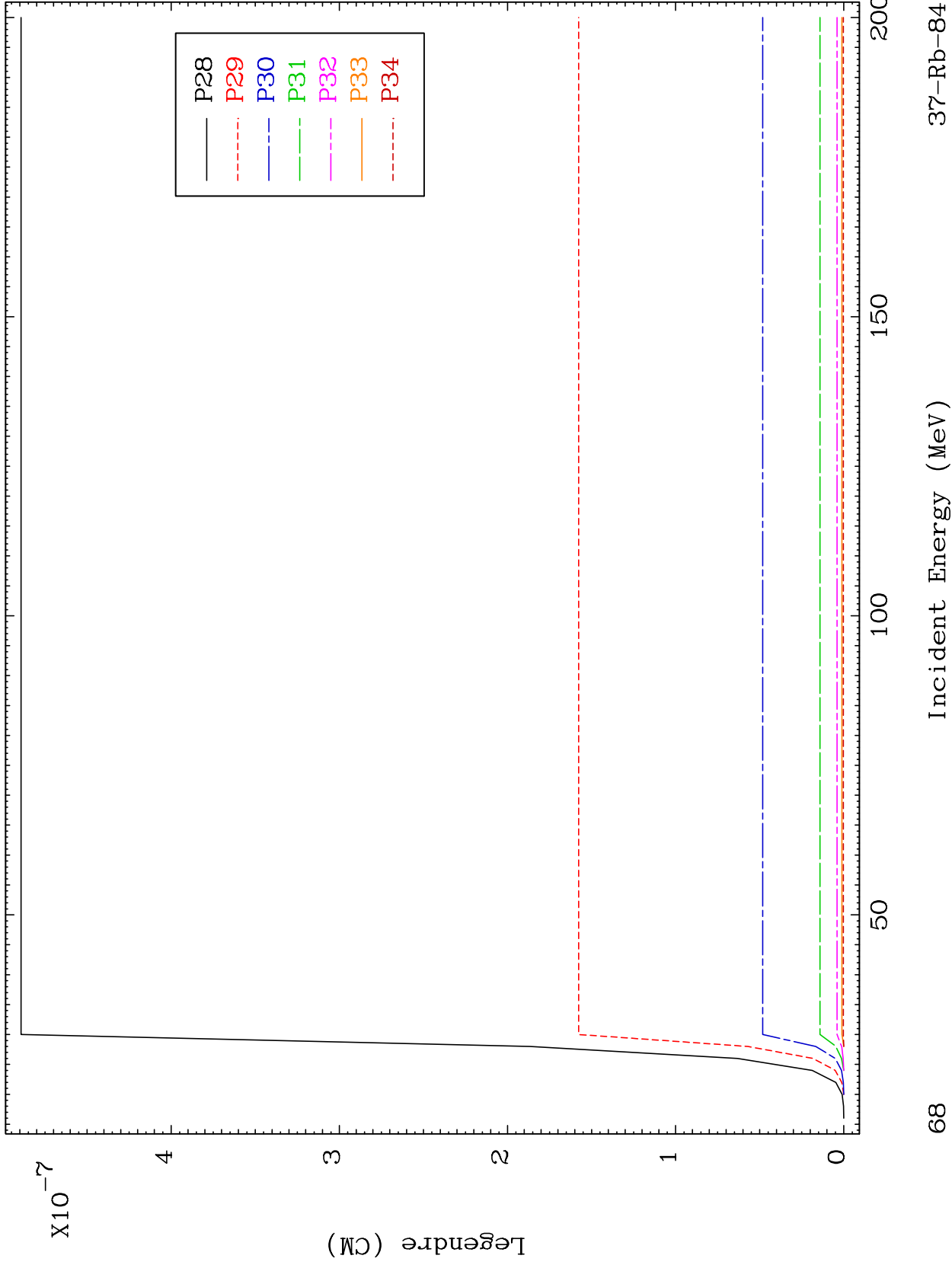
37-Rb-84



MAT 3722

MT= 66 (n,n') Level
Legendre Coefficients

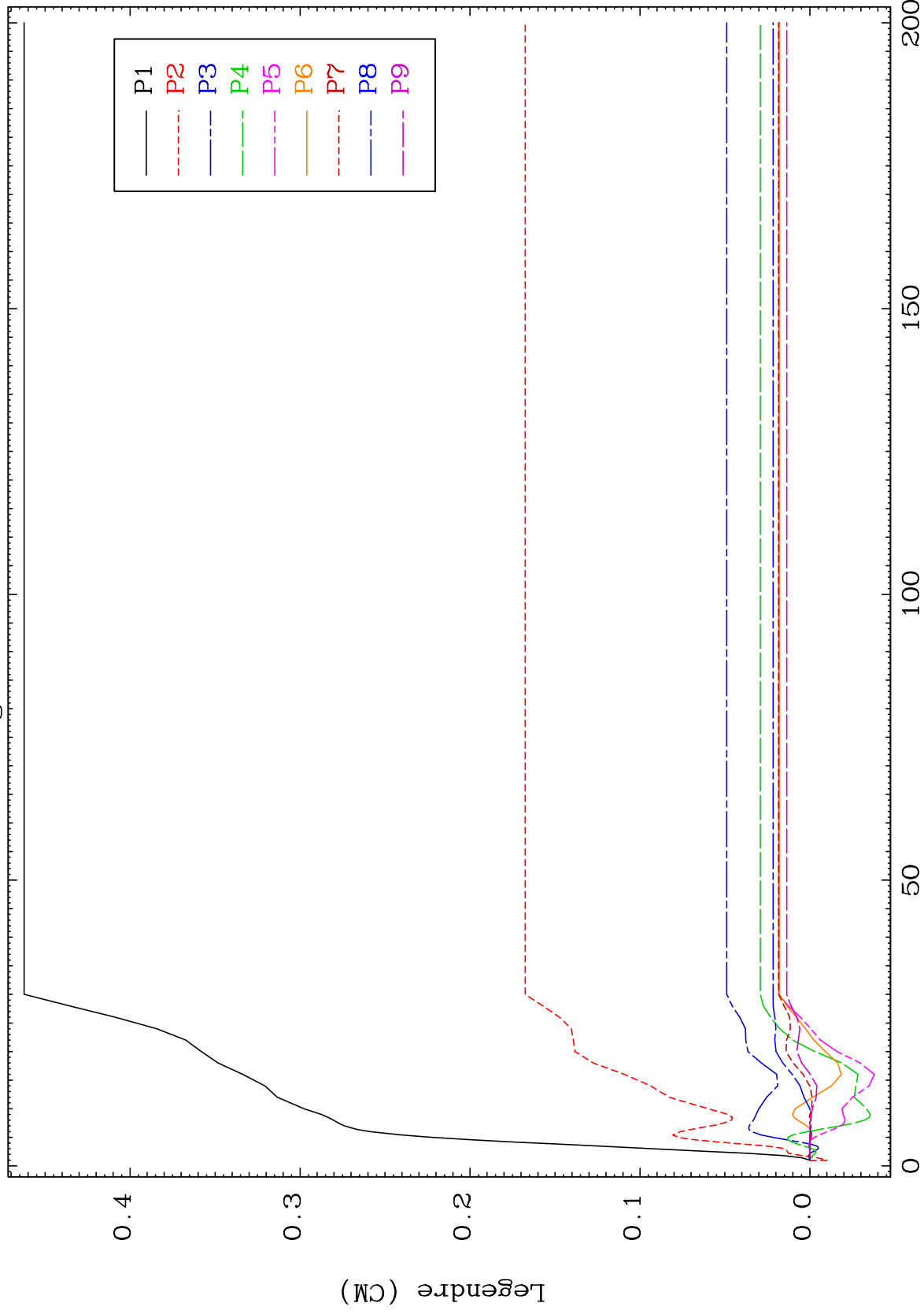
37-Rb-84



MAT 3722

MT= 67 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

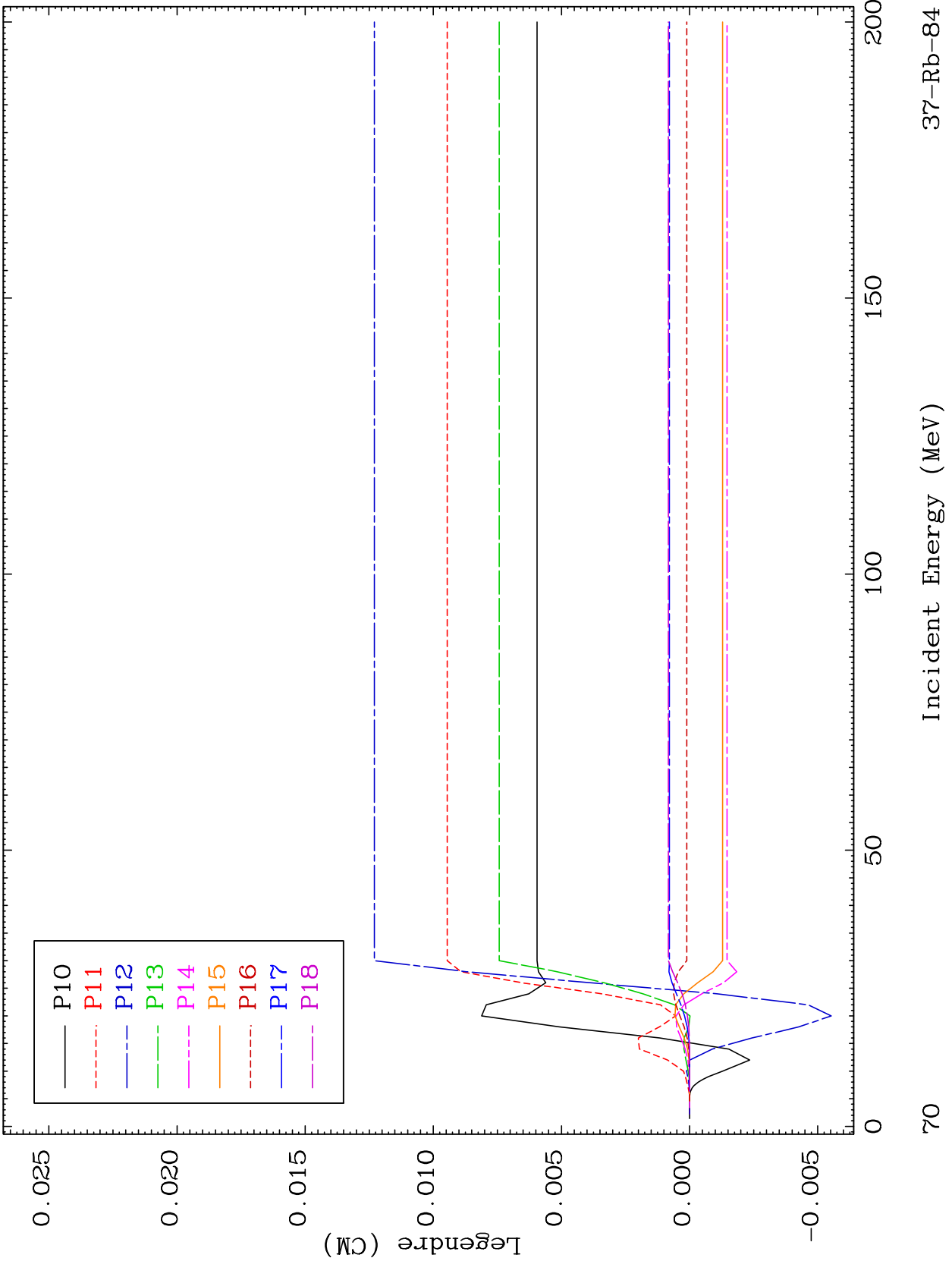
Incident Energy (MeV)

69

MAT 3722

MT= 67 (n,n') Level
Legendre Coefficients

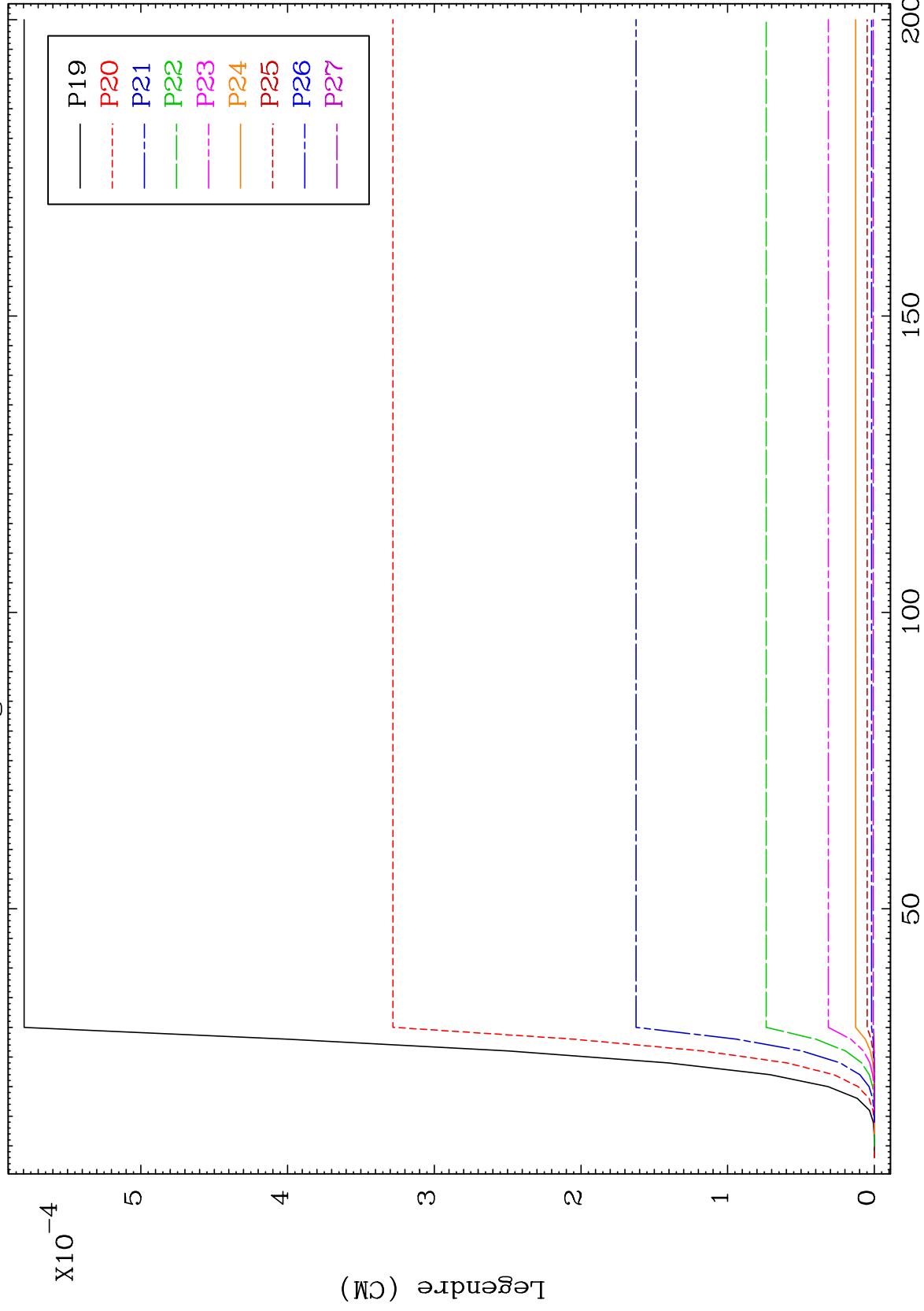
37-Rb-84



MAT 3722

MT= 67 (n,n') Level
Legendre Coefficients

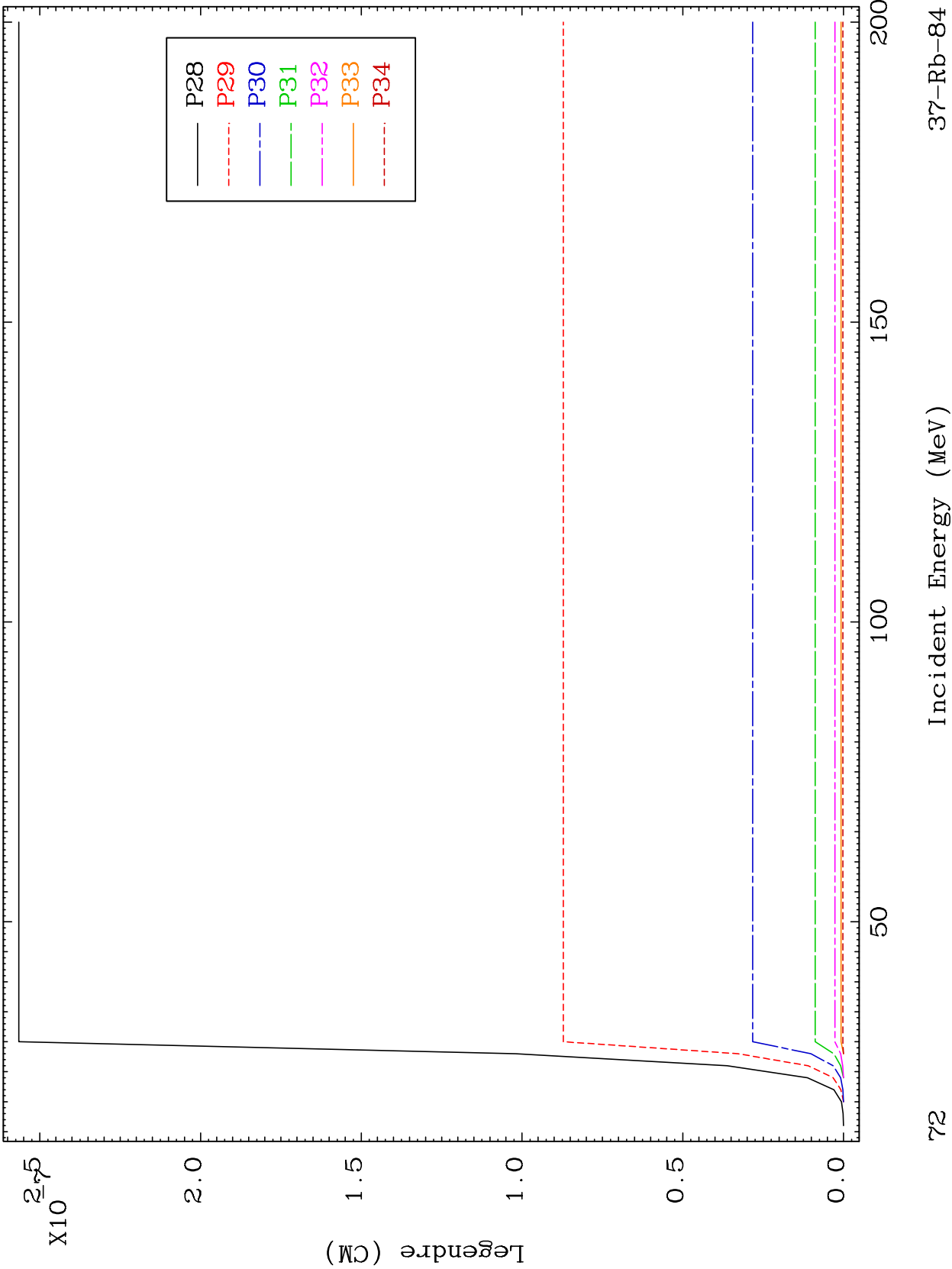
37-Rb-84



71

Incident Energy (MeV)

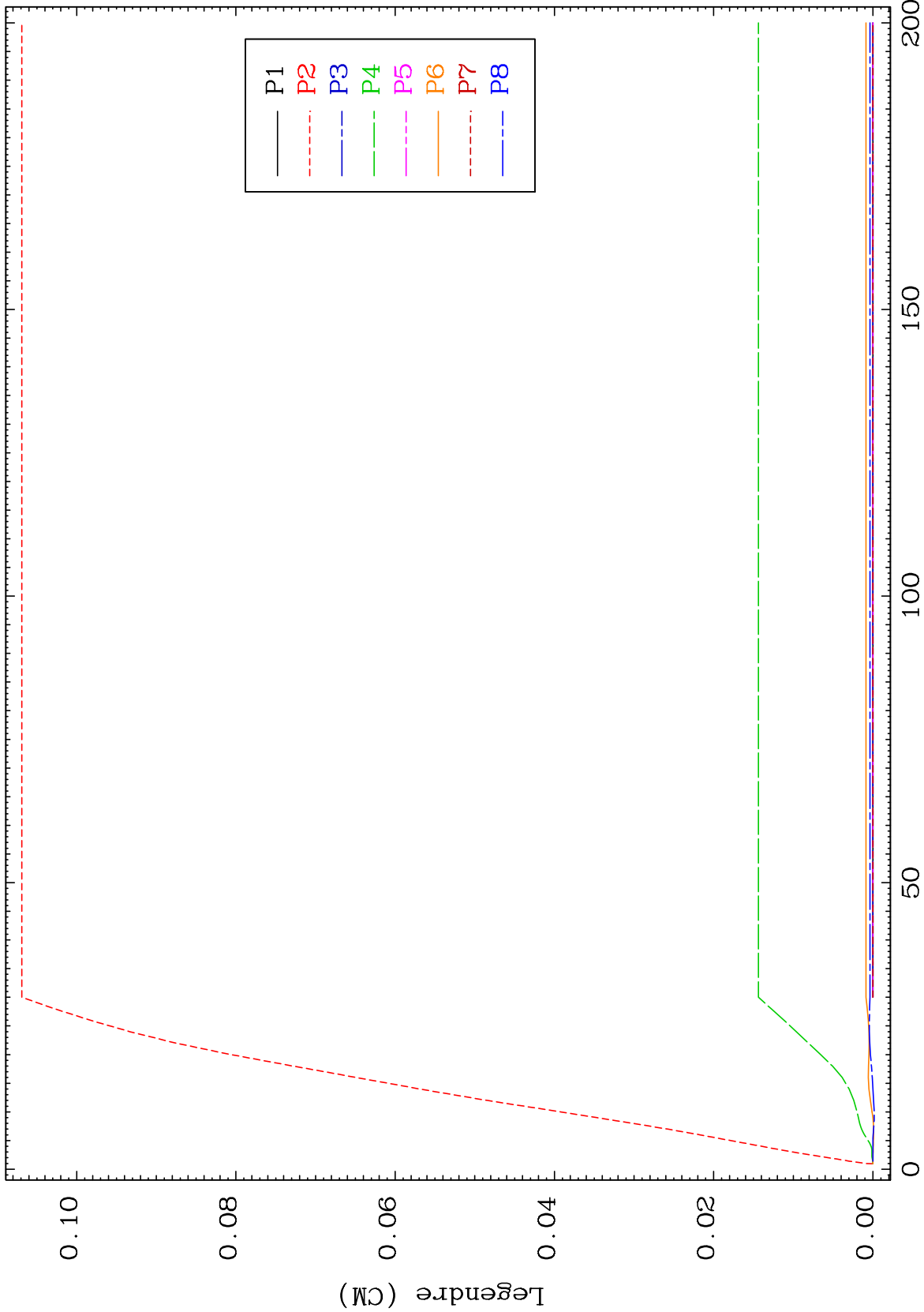
37-Rb-84



MAT 3722

MT= 68 (n,n') Level
Legendre Coefficients

37-Rb-84



73

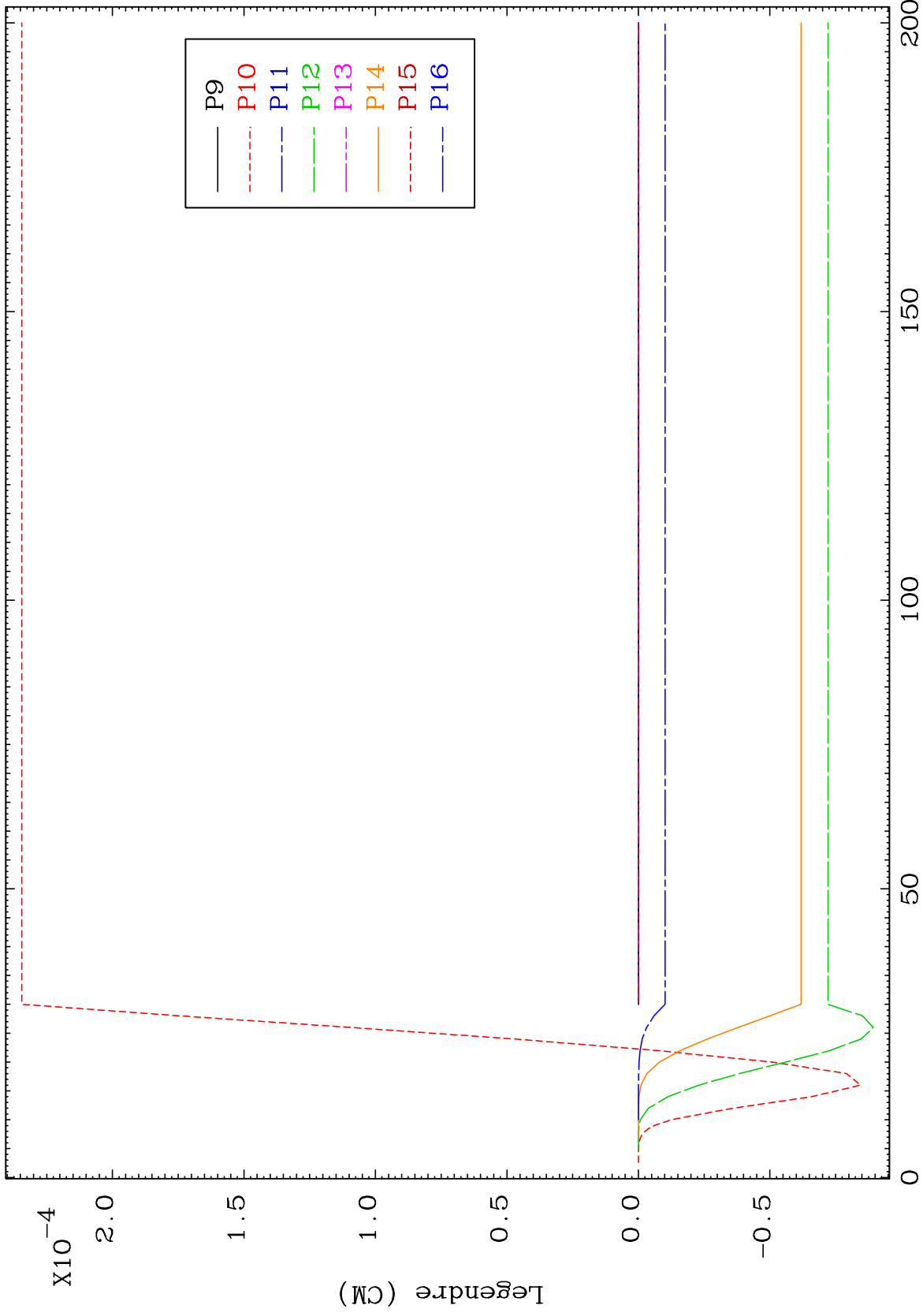
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 68 (n,n') Level
Legendre Coefficients

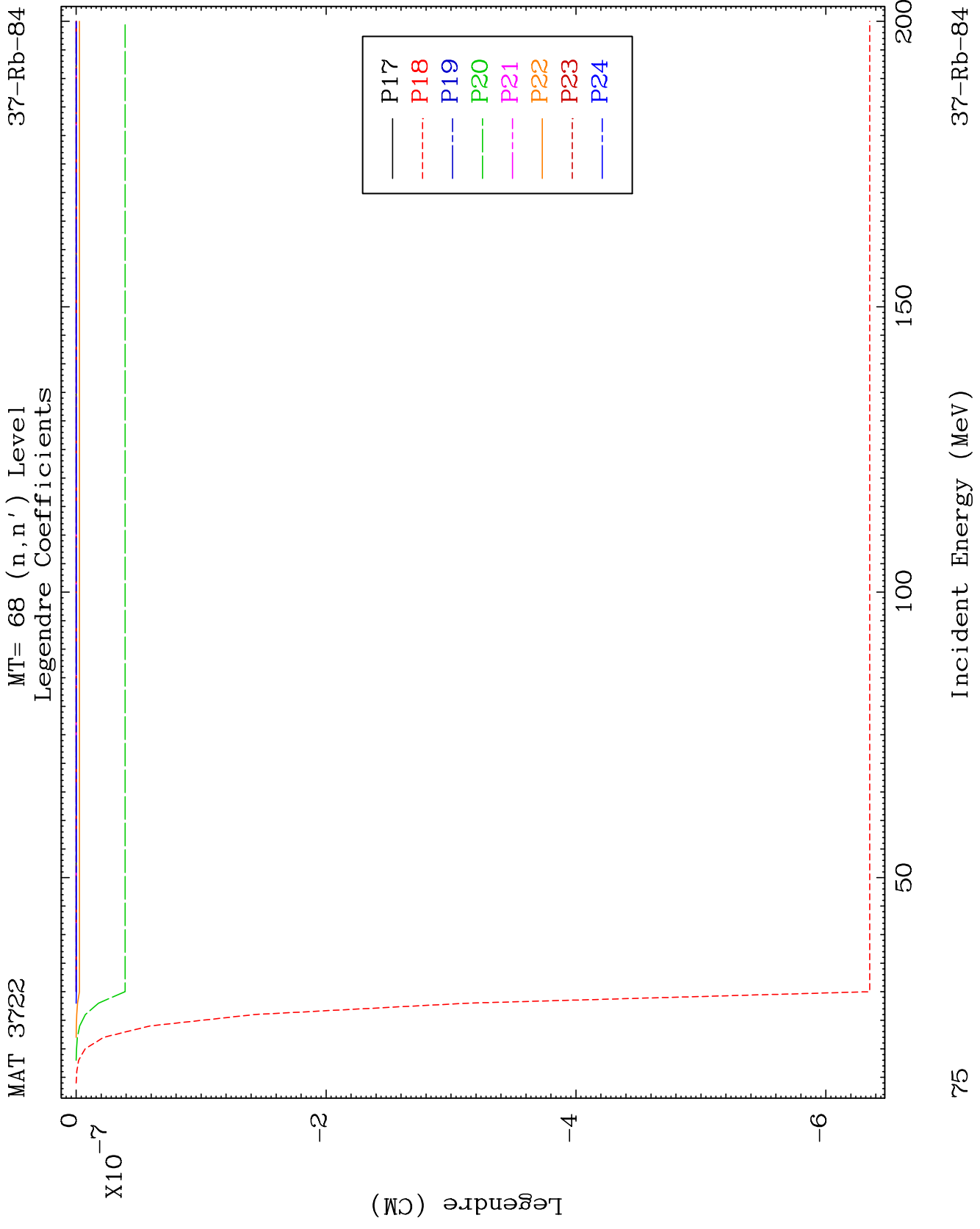
37-Rb-84



74

Incident Energy (MeV)

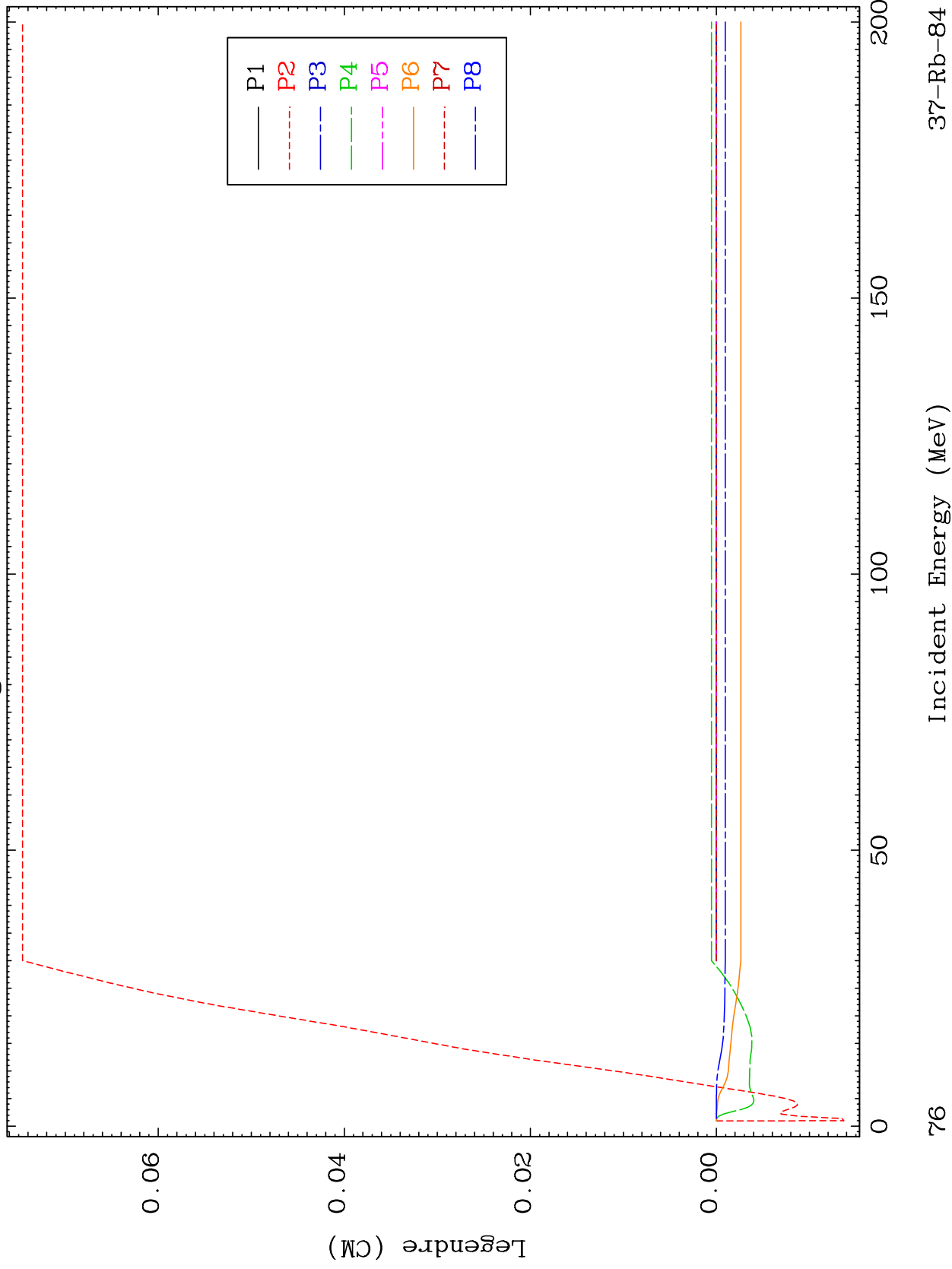
37-Rb-84



MAT 3722

MT= 69 (n,n') Level
Legendre Coefficients

37-Rb-84



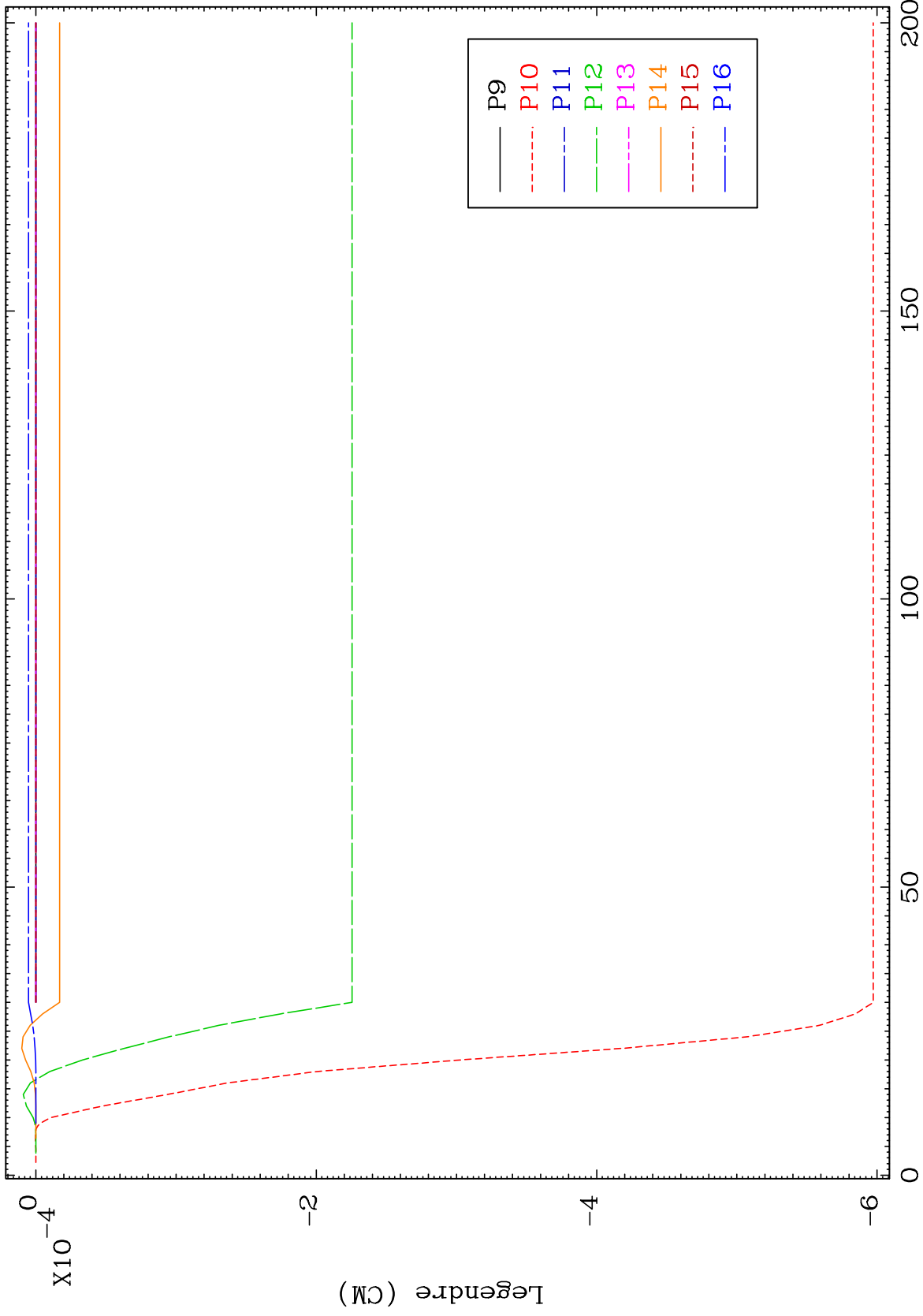
76

37-Rb-84

MAT 3722

MT= 69 (n,n') Level
Legendre Coefficients

37-Rb-84



77

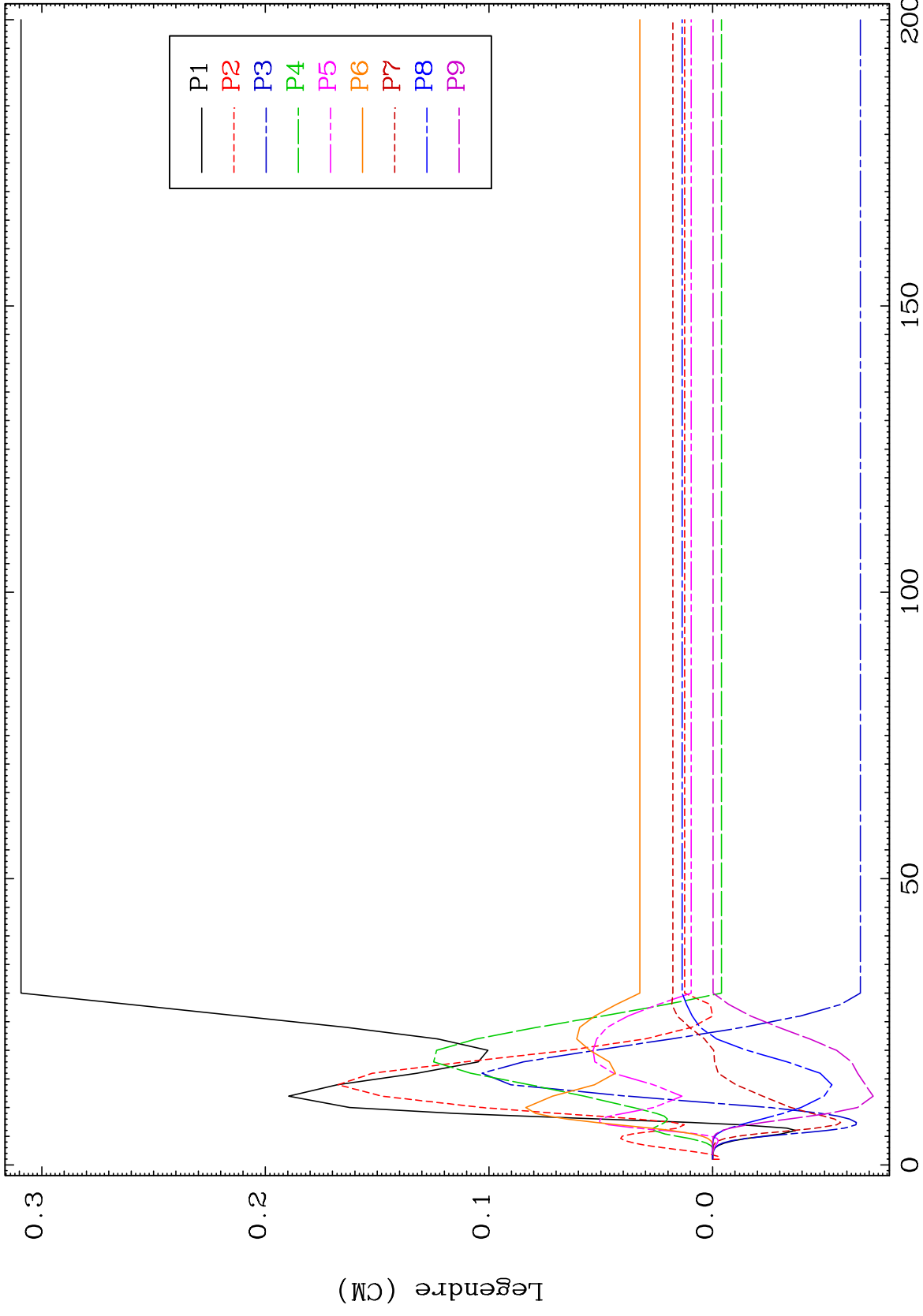
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 70 (n,n') Level
Legendre Coefficients

37-Rb-84



79

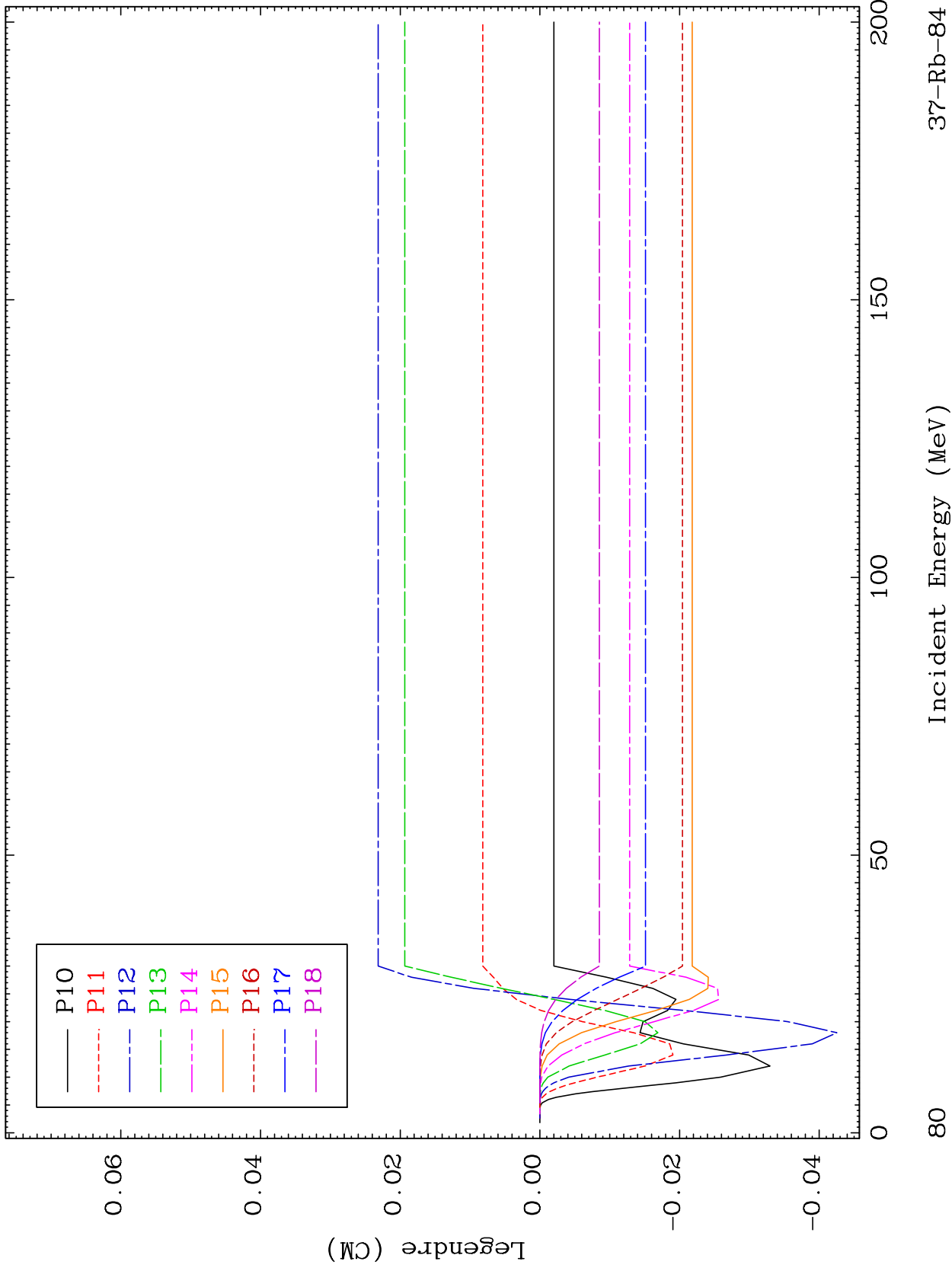
Incident Energy (MeV)

37-Rb-84

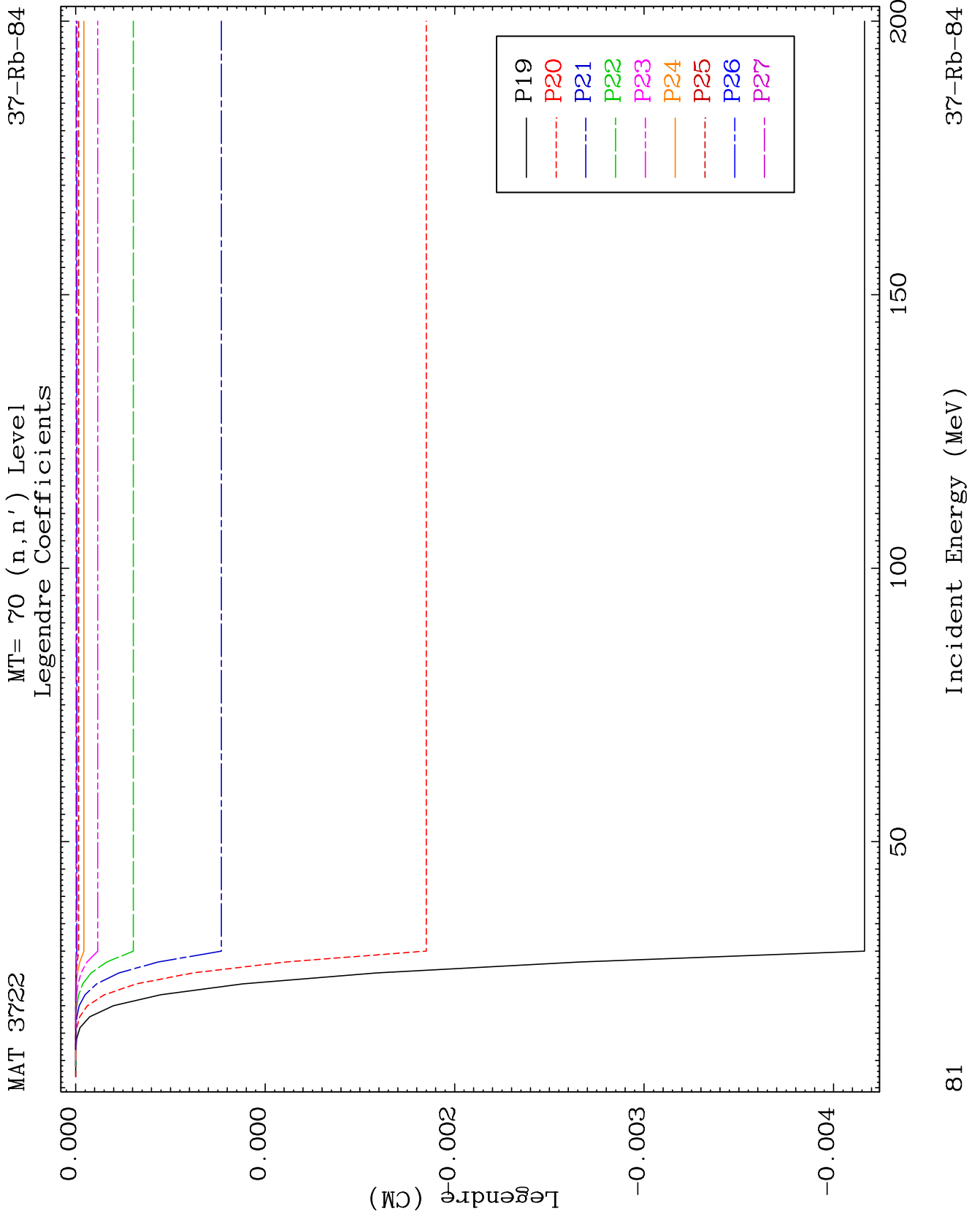
MAT 3722

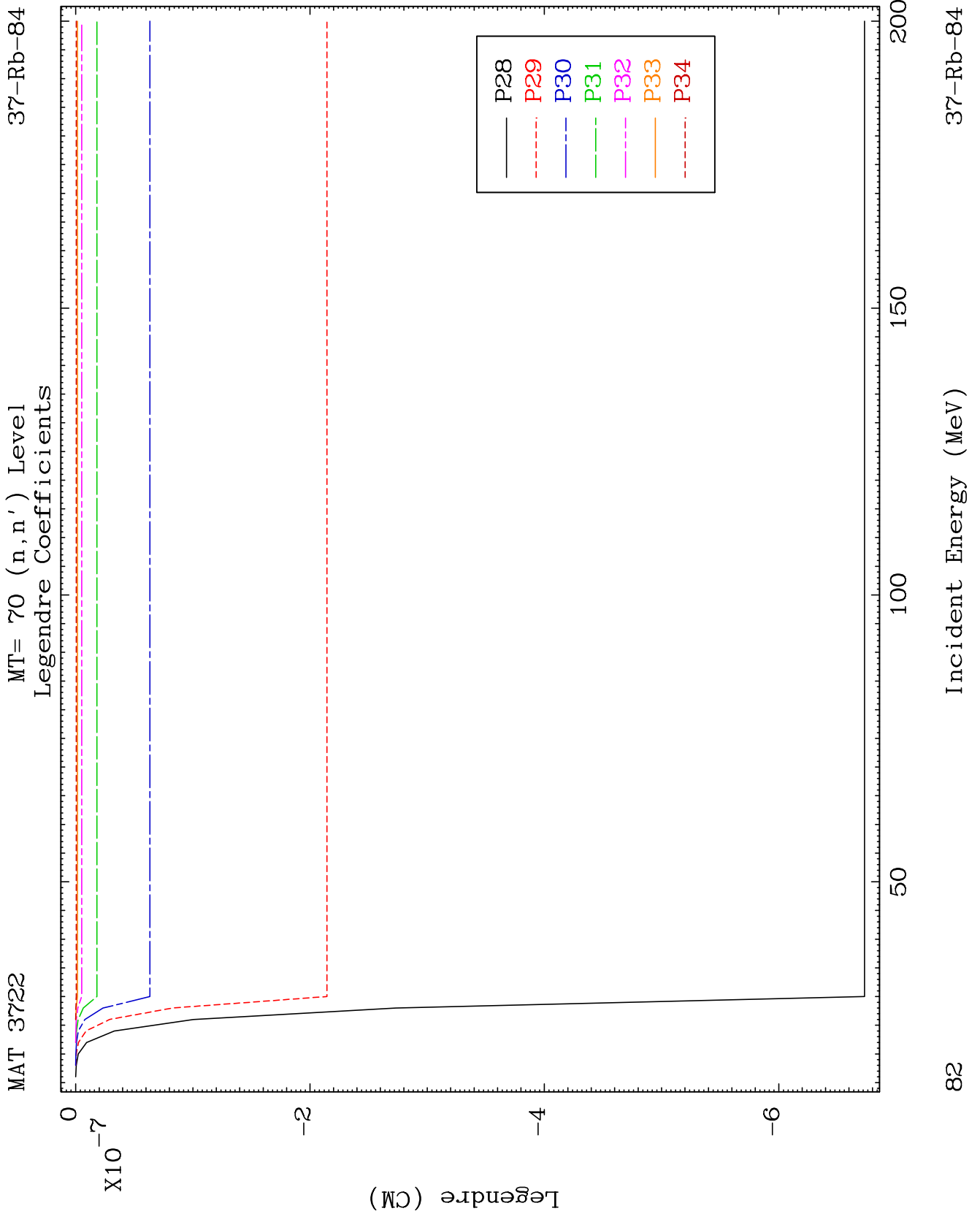
MT= 70 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

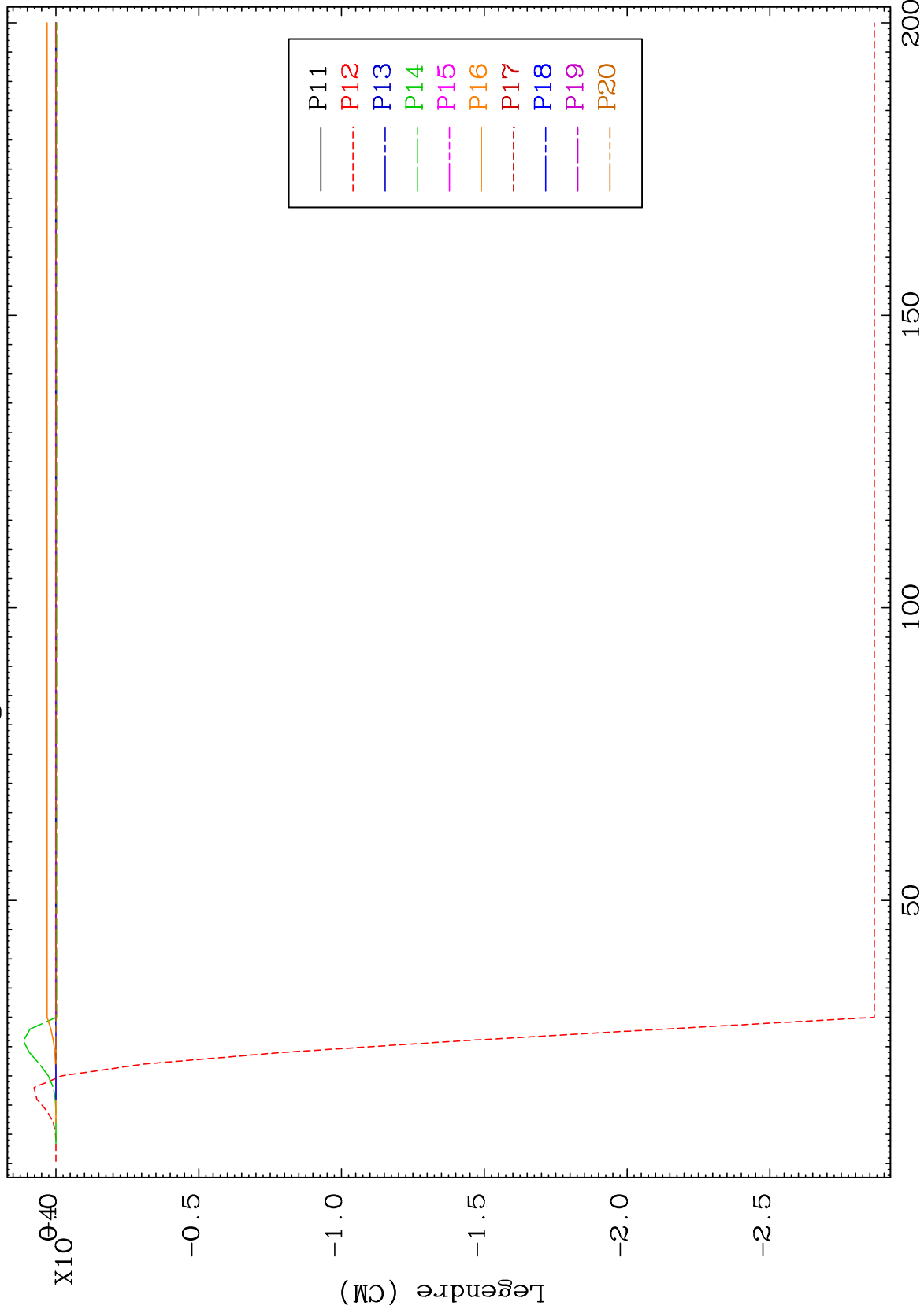




MAT 3722

MT= 71 (n,n') Level
Legendre Coefficients

37-Rb-84



84

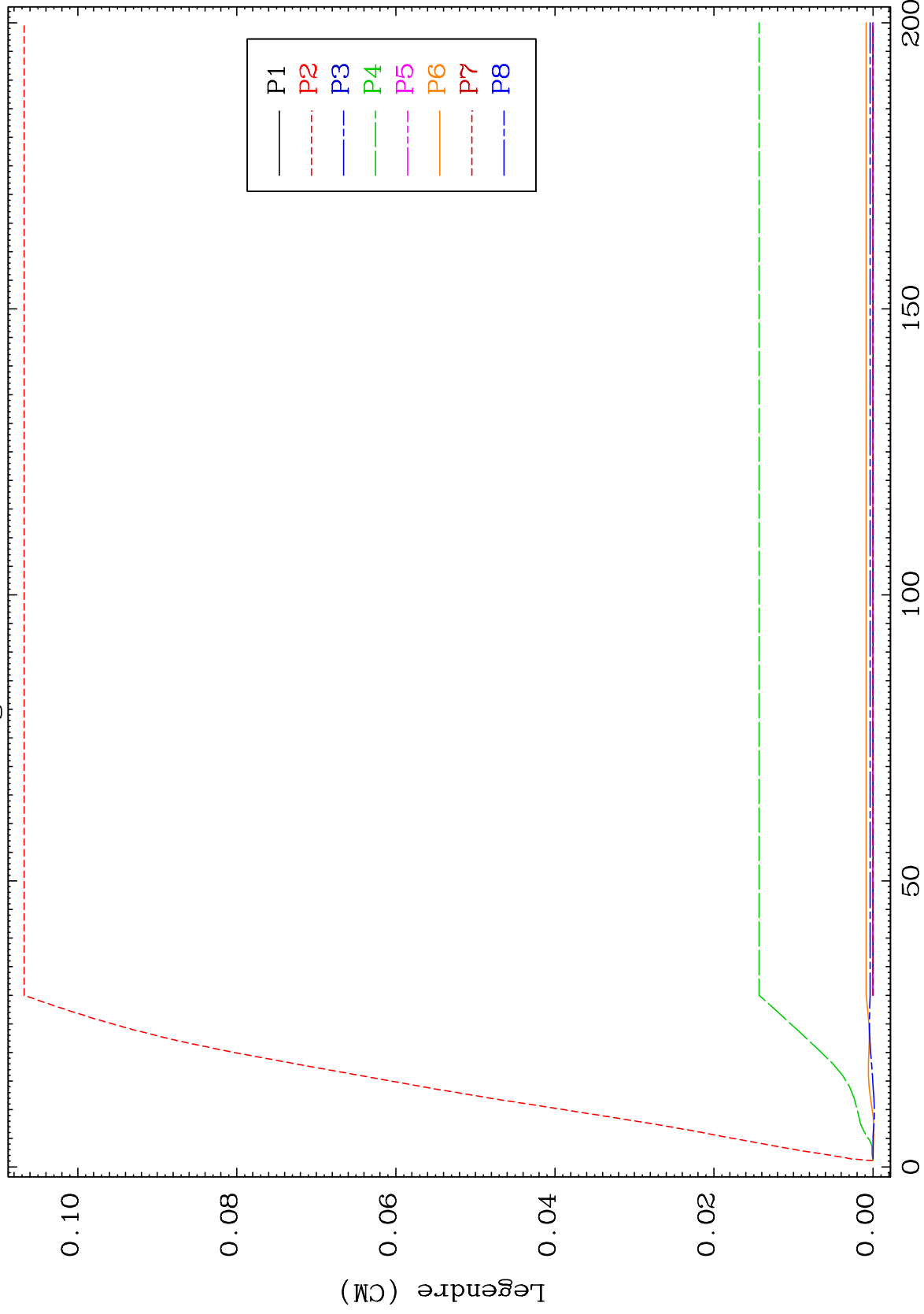
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 72 (n,n') Level
Legendre Coefficients

37-Rb-84



85

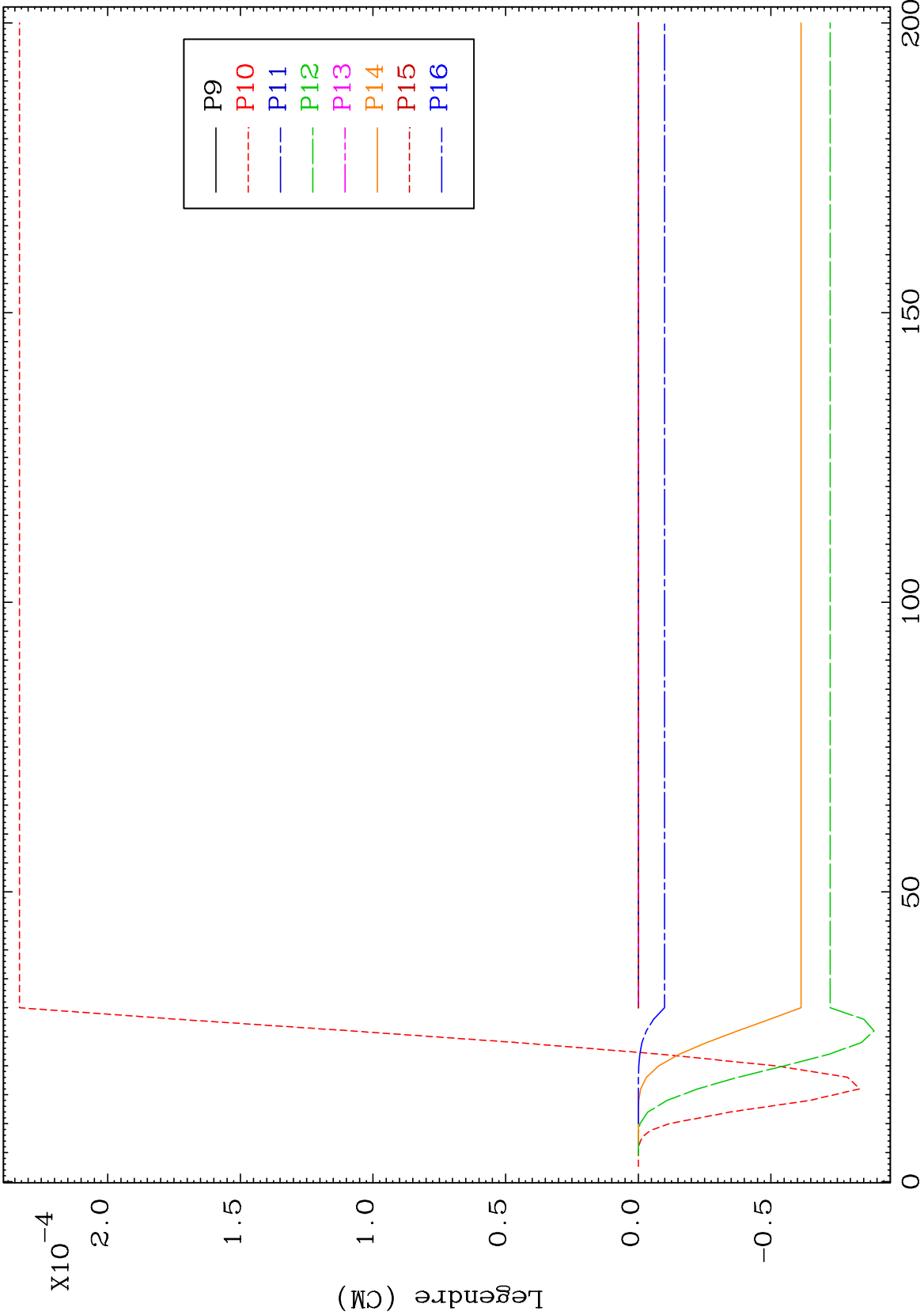
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 72 (n,n') Level
Legendre Coefficients

37-Rb-84



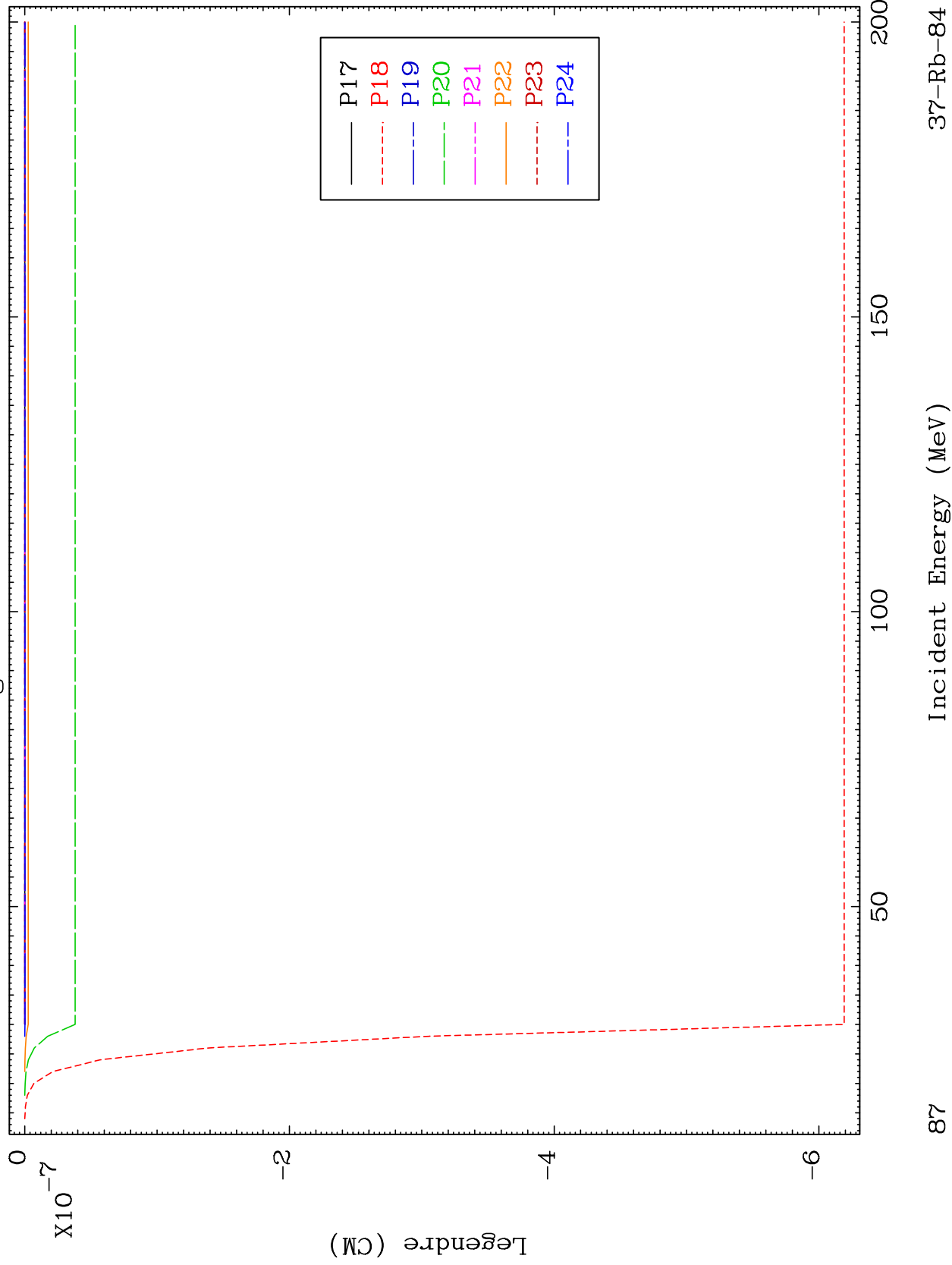
86

37-Rb-84

MAT 3722

MT= 72 (n,n') Level
Legendre Coefficients

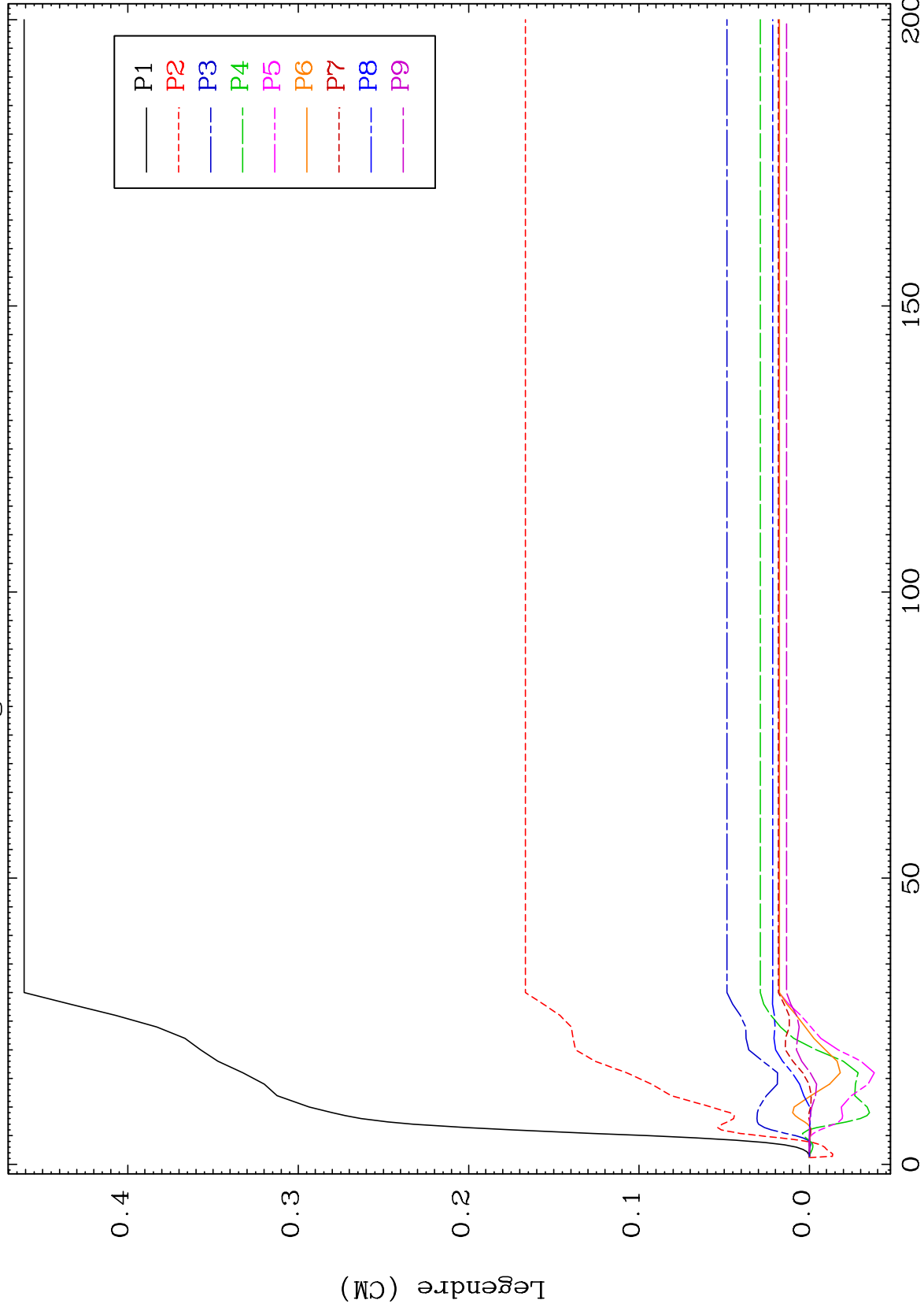
37-Rb-84



MAT 3722

MT= 73 (n,n') Level
Legendre Coefficients

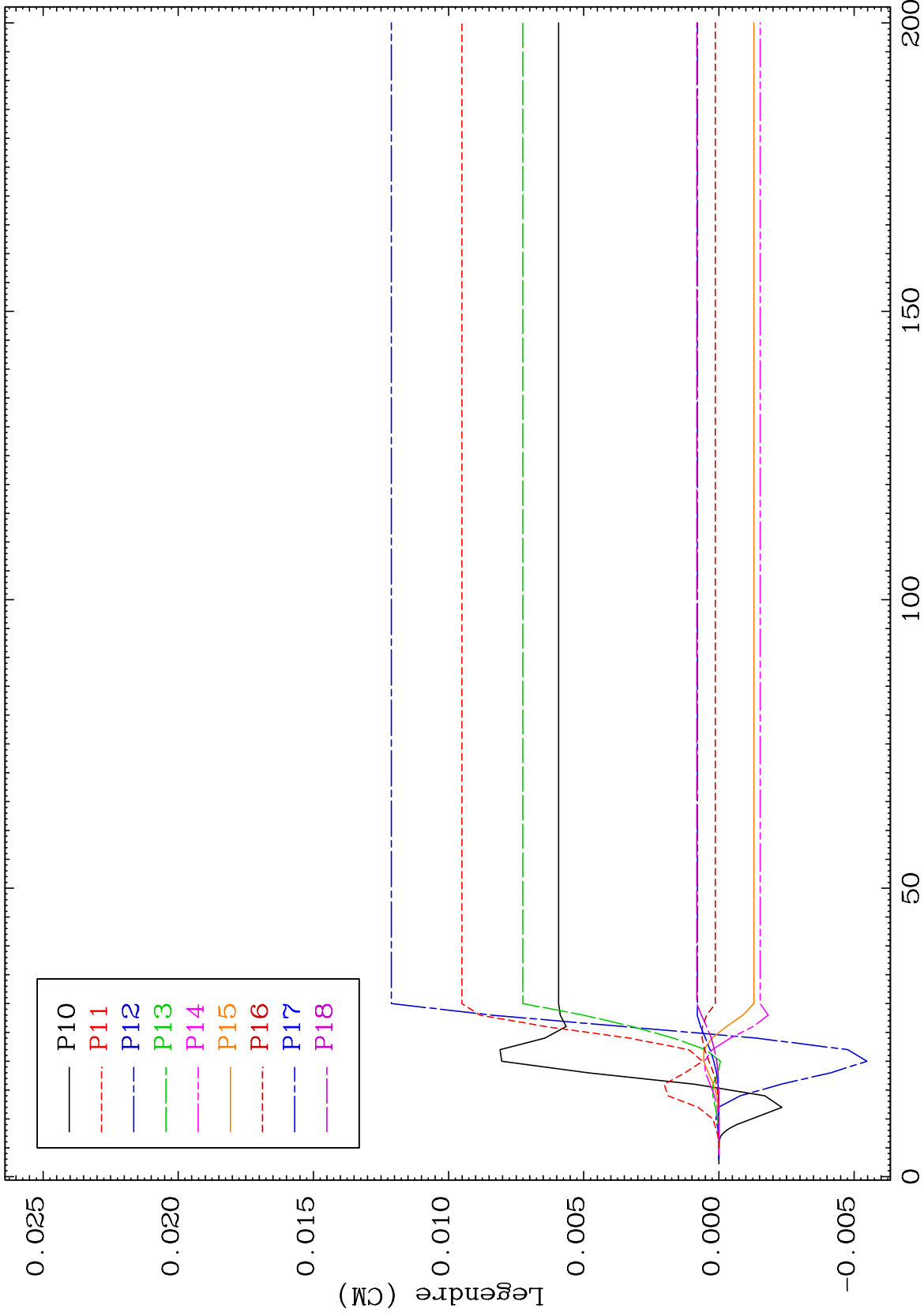
37-Rb-84



88

Incident Energy (MeV)

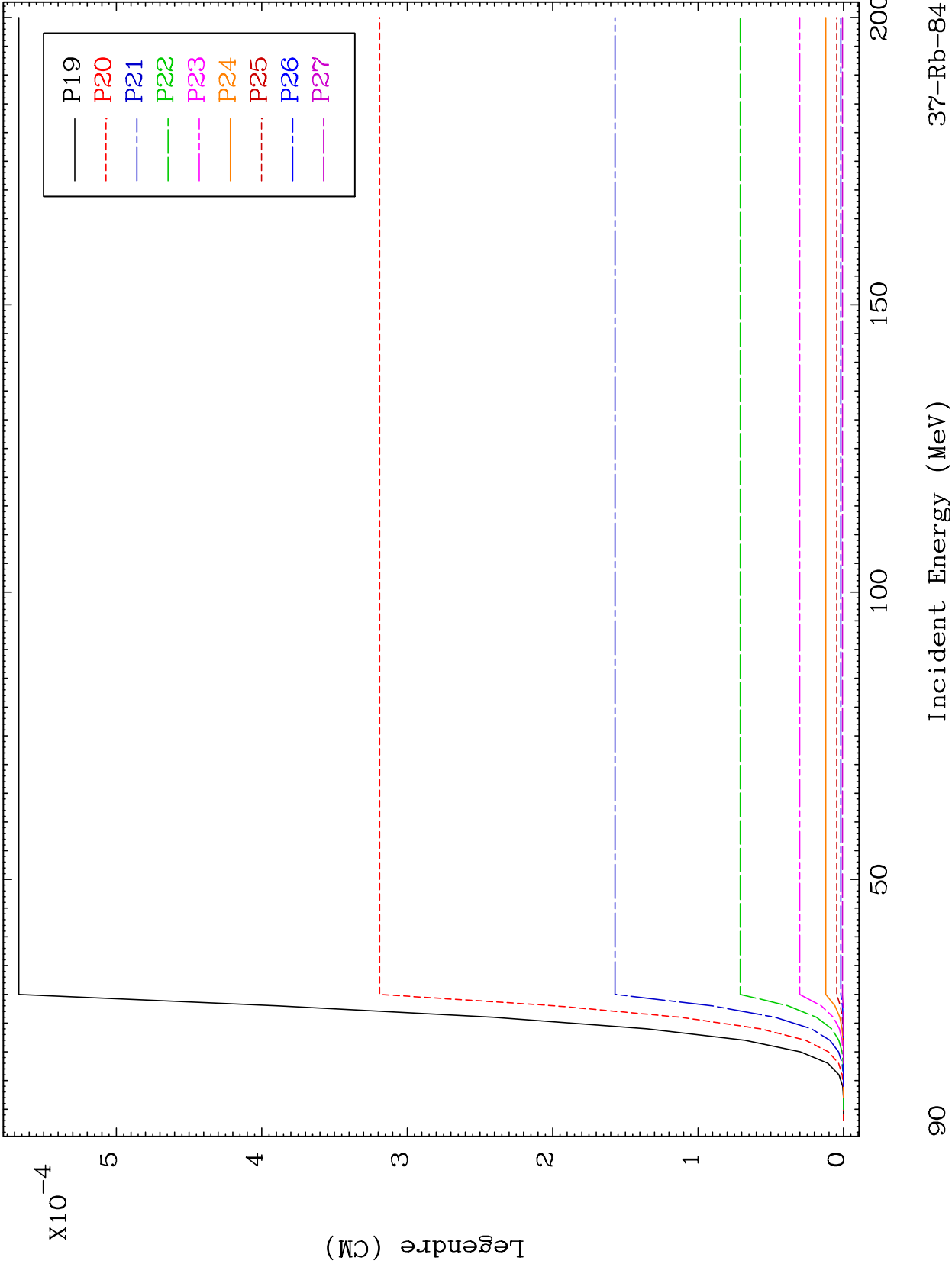
37-Rb-84



MAT 3722

MT= 73 (n,n') Level
Legendre Coefficients

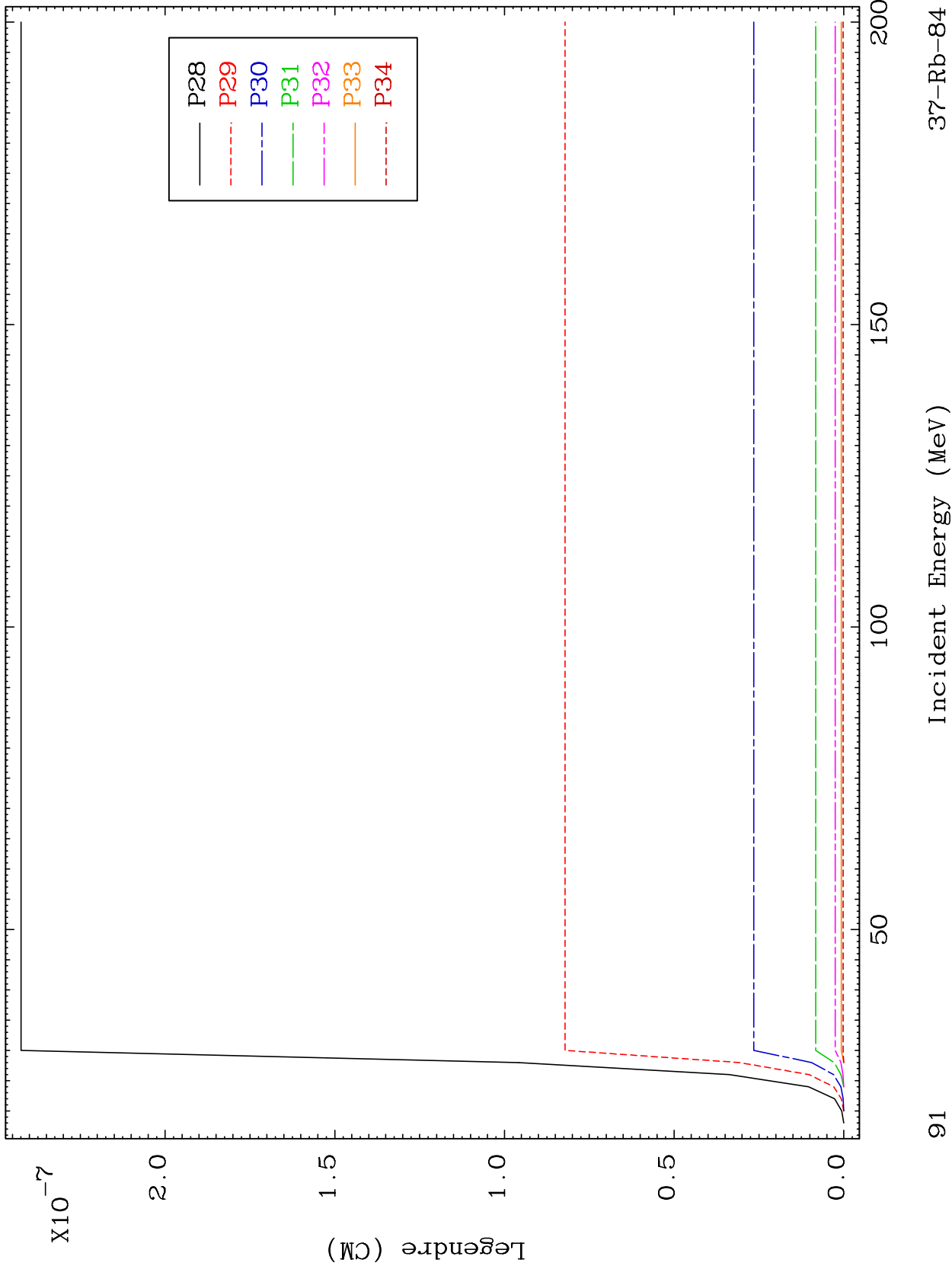
37-Rb-84



90

Incident Energy (MeV)

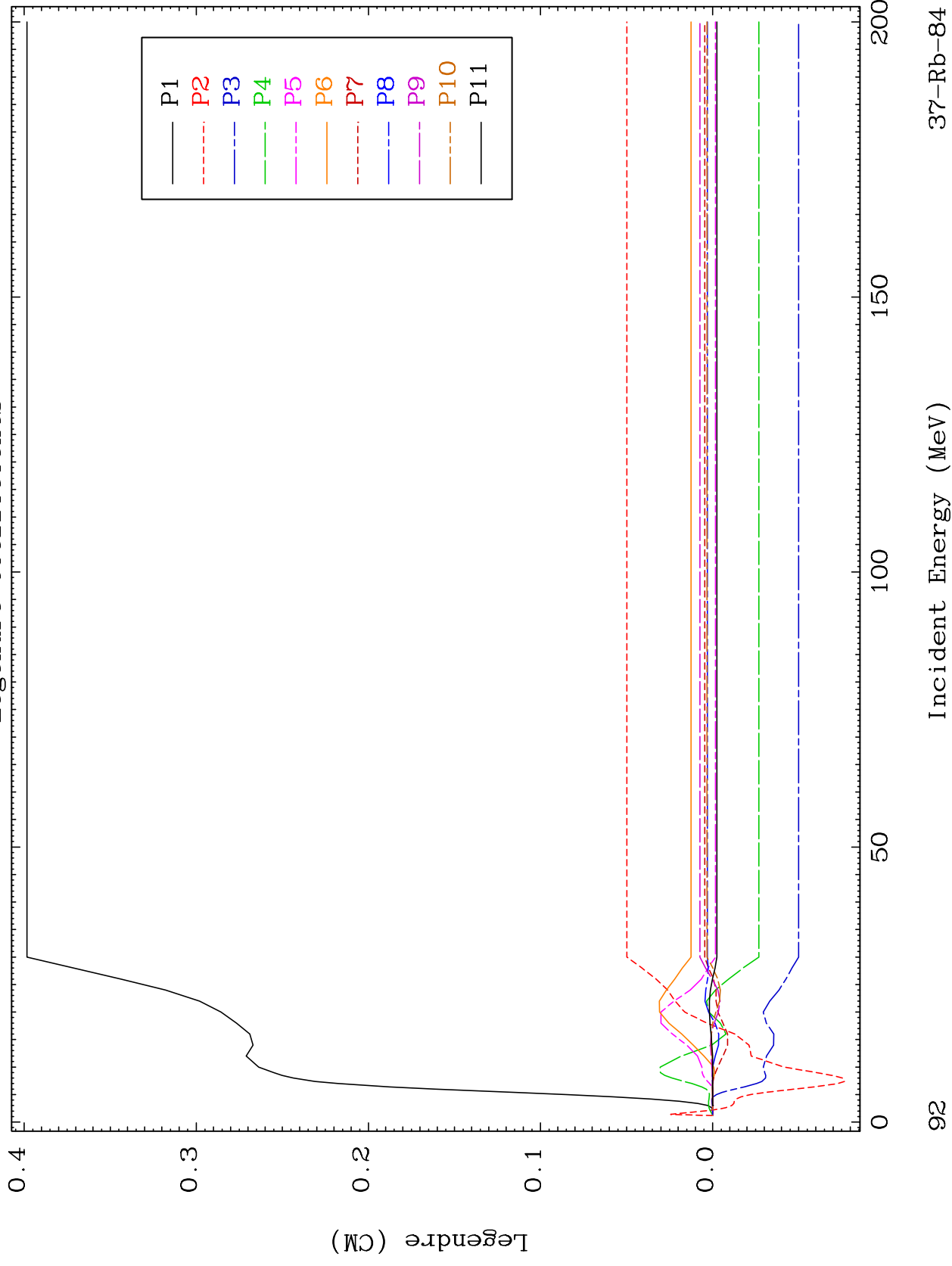
37-Rb-84



MAT 3722

MT= 74 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

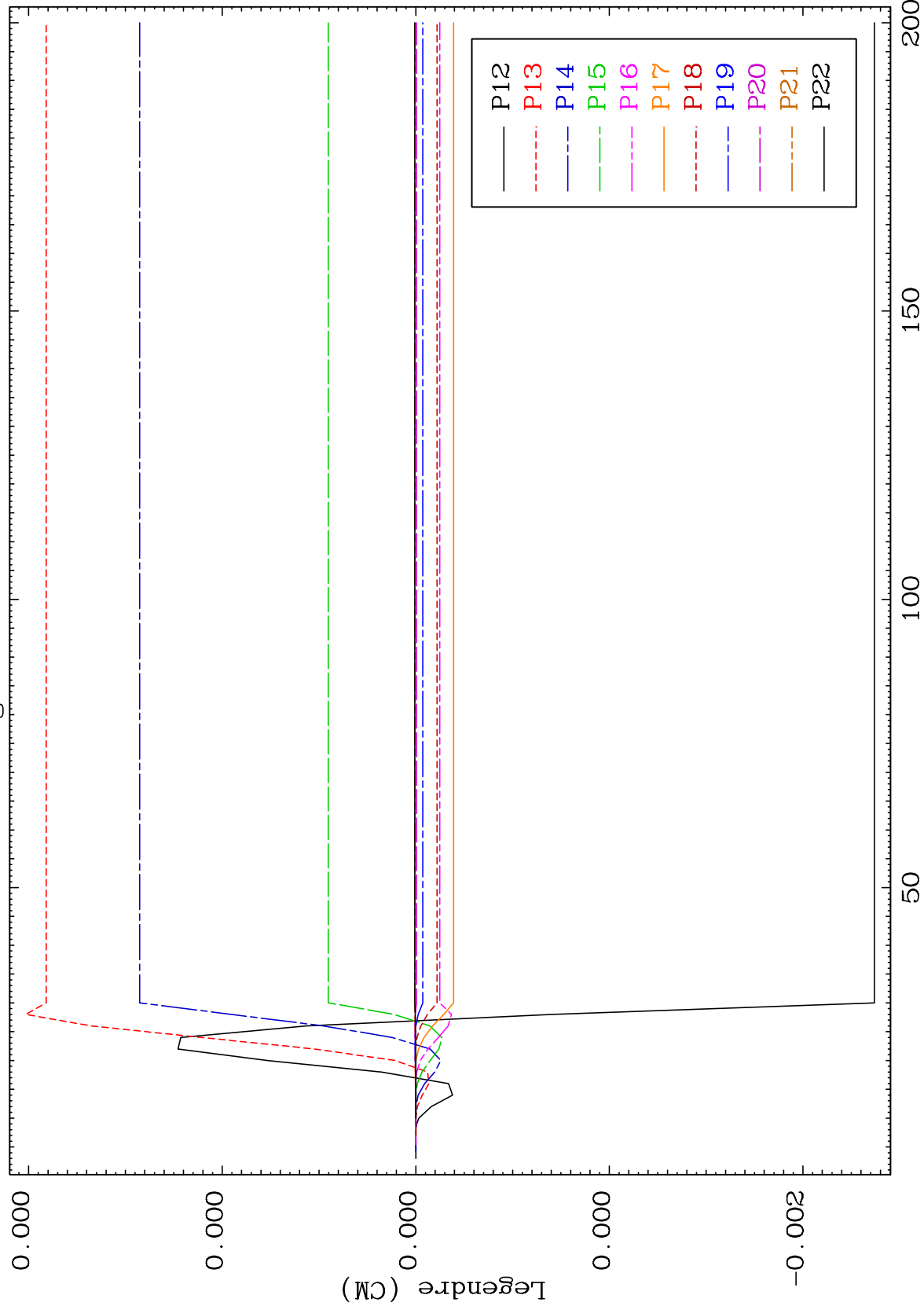
Incident Energy (MeV)

92

MAT 3722

MT= 74 (n,n') Level
Legendre Coefficients

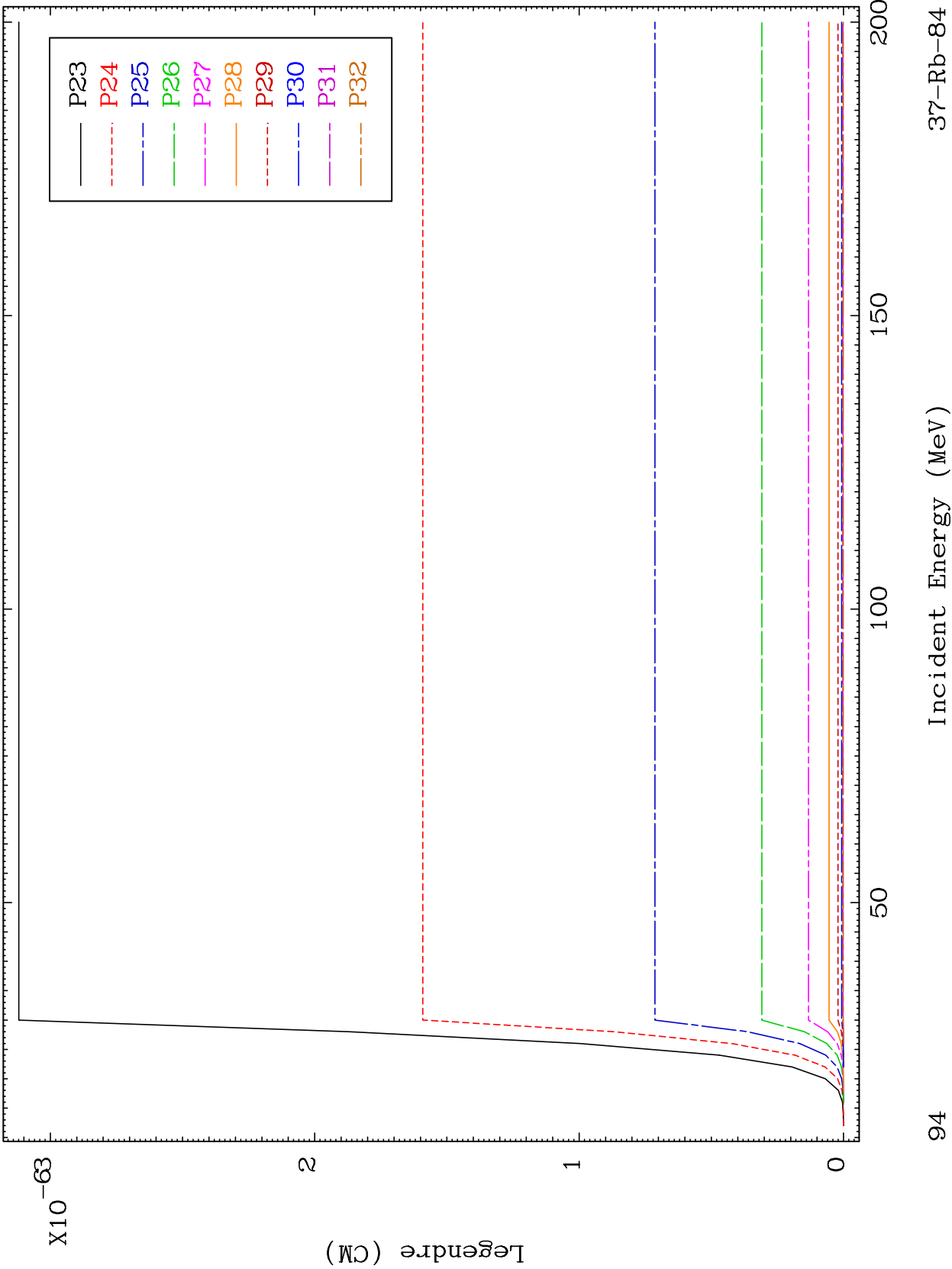
37-Rb-84



MAT 3722

MT= 74 (n,n') Level
Legendre Coefficients

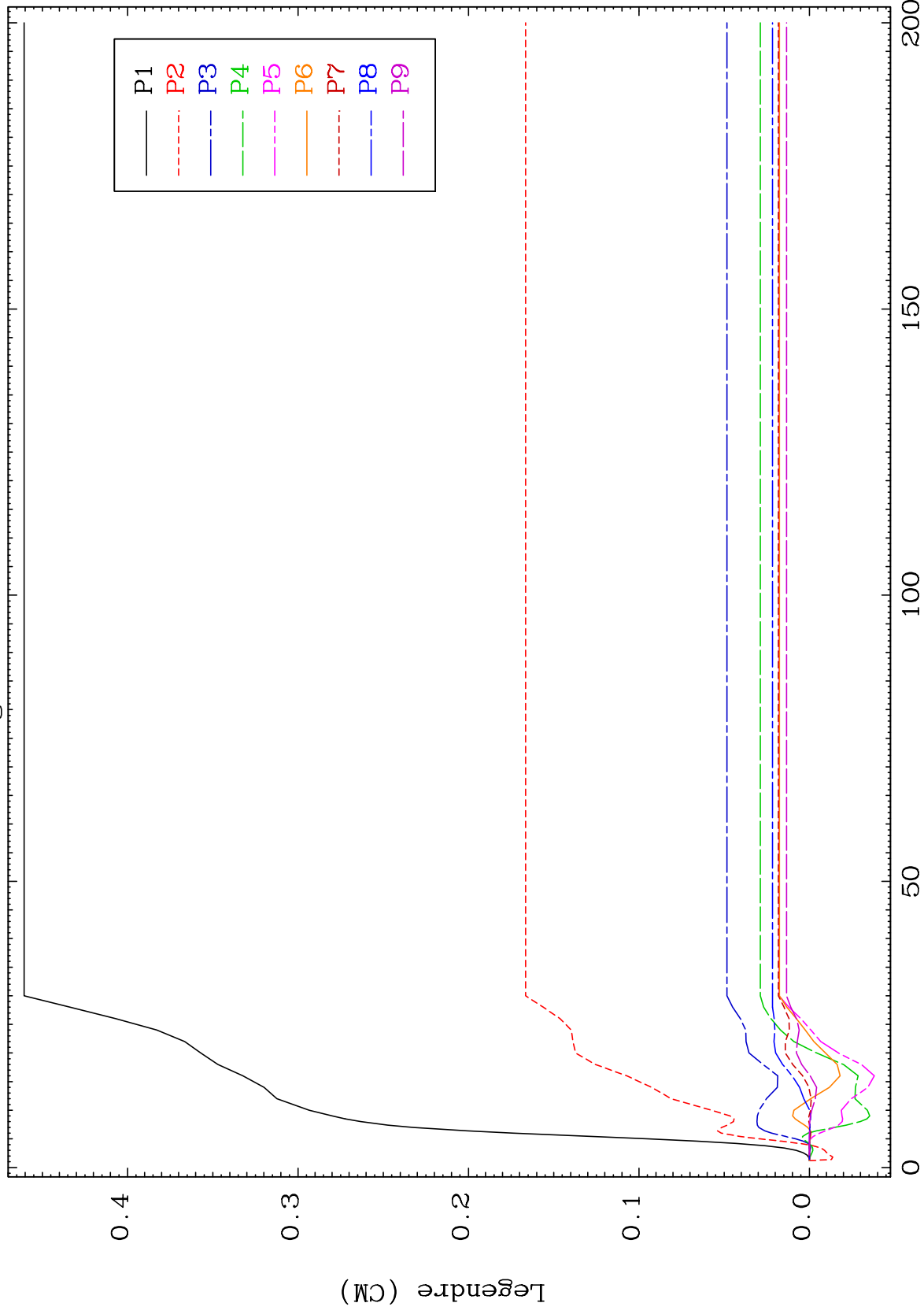
37-Rb-84



MAT 3722

MT= 75 (n,n') Level
Legendre Coefficients

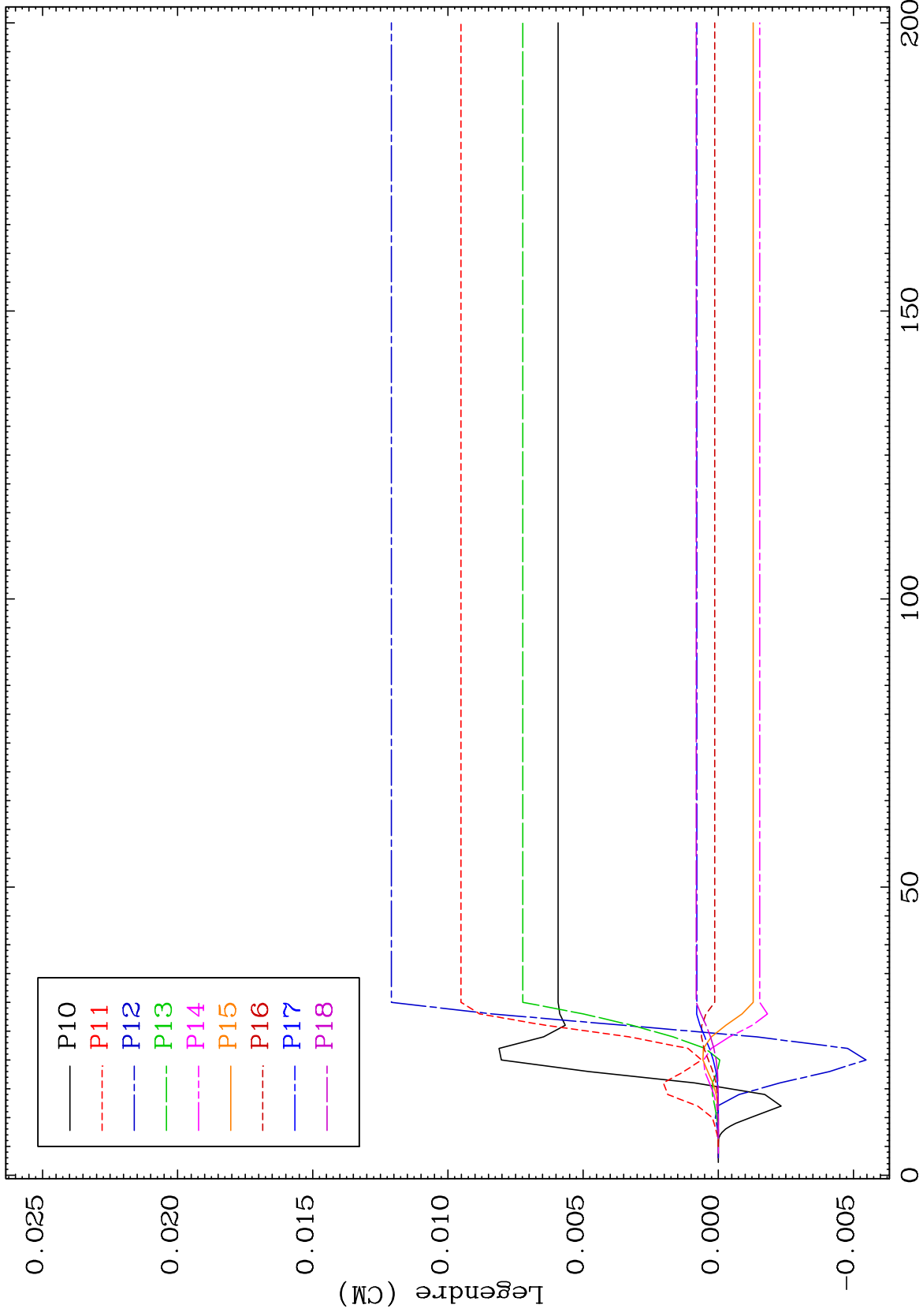
37-Rb-84



95

Incident Energy (MeV)

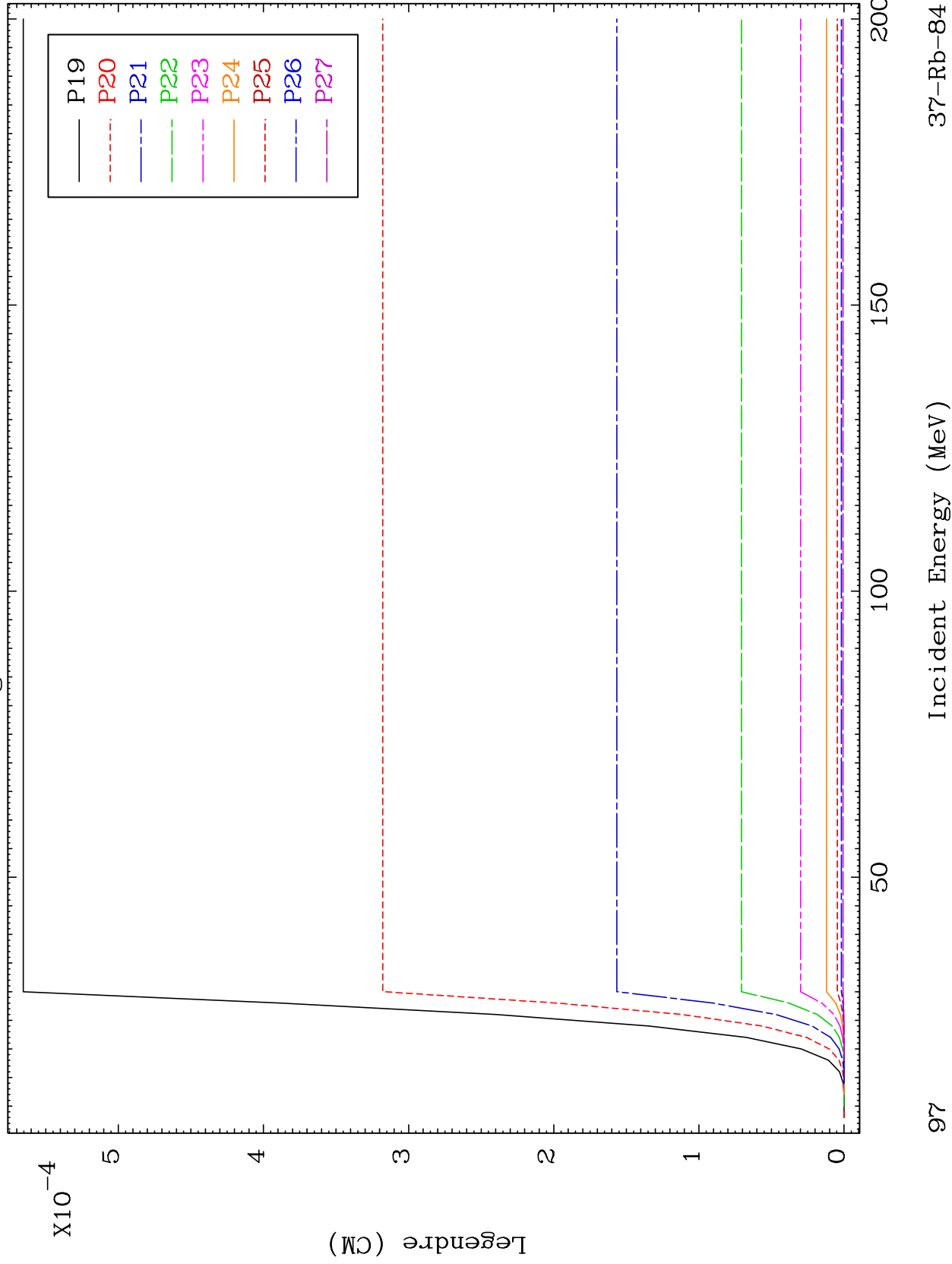
37-Rb-84



MAT 3722

MT= 75 (n,n') Level
Legendre Coefficients

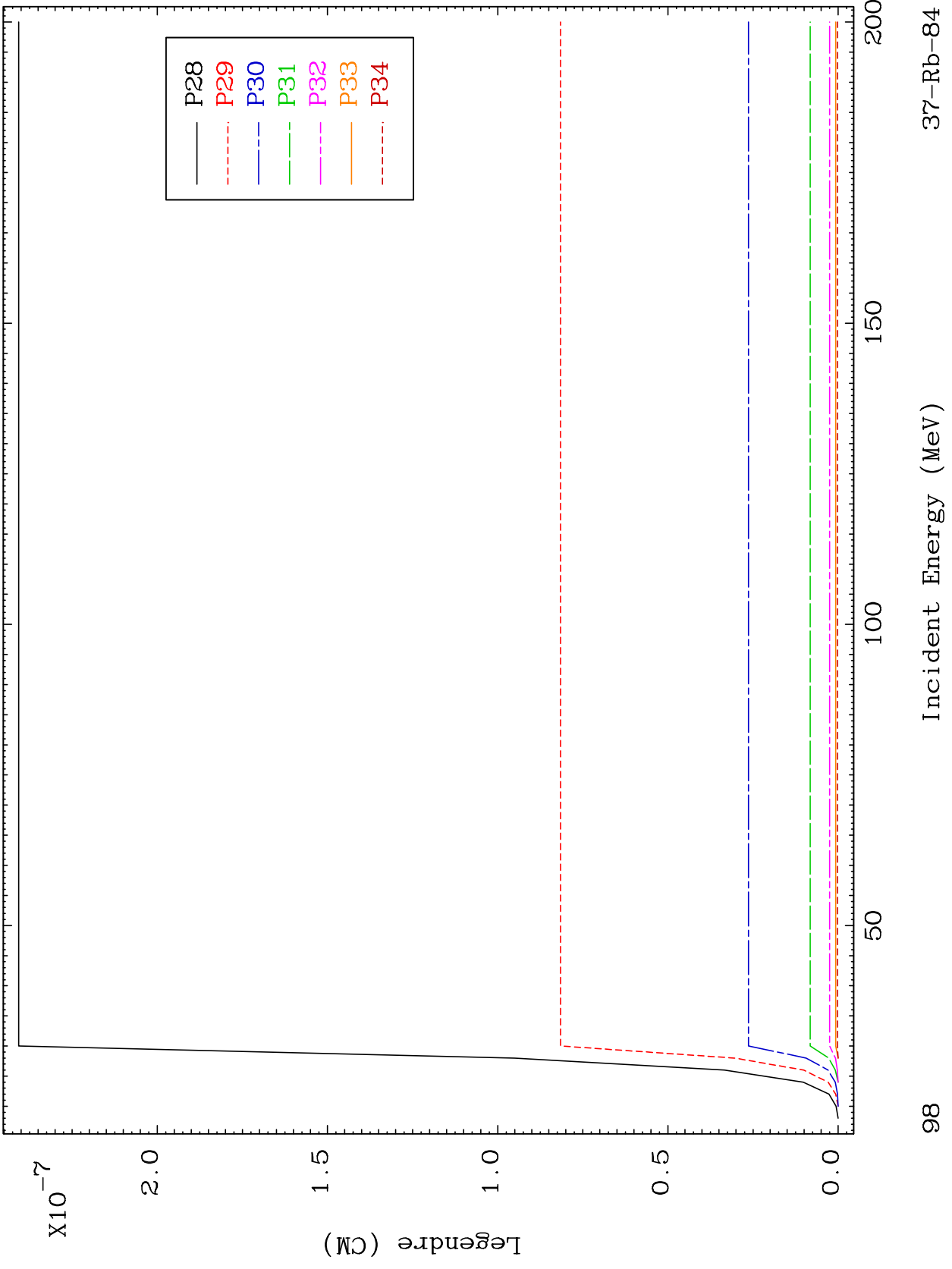
37-Rb-84



MAT 3722

MT= 75 (n,n') Level
Legendre Coefficients

37-Rb-84



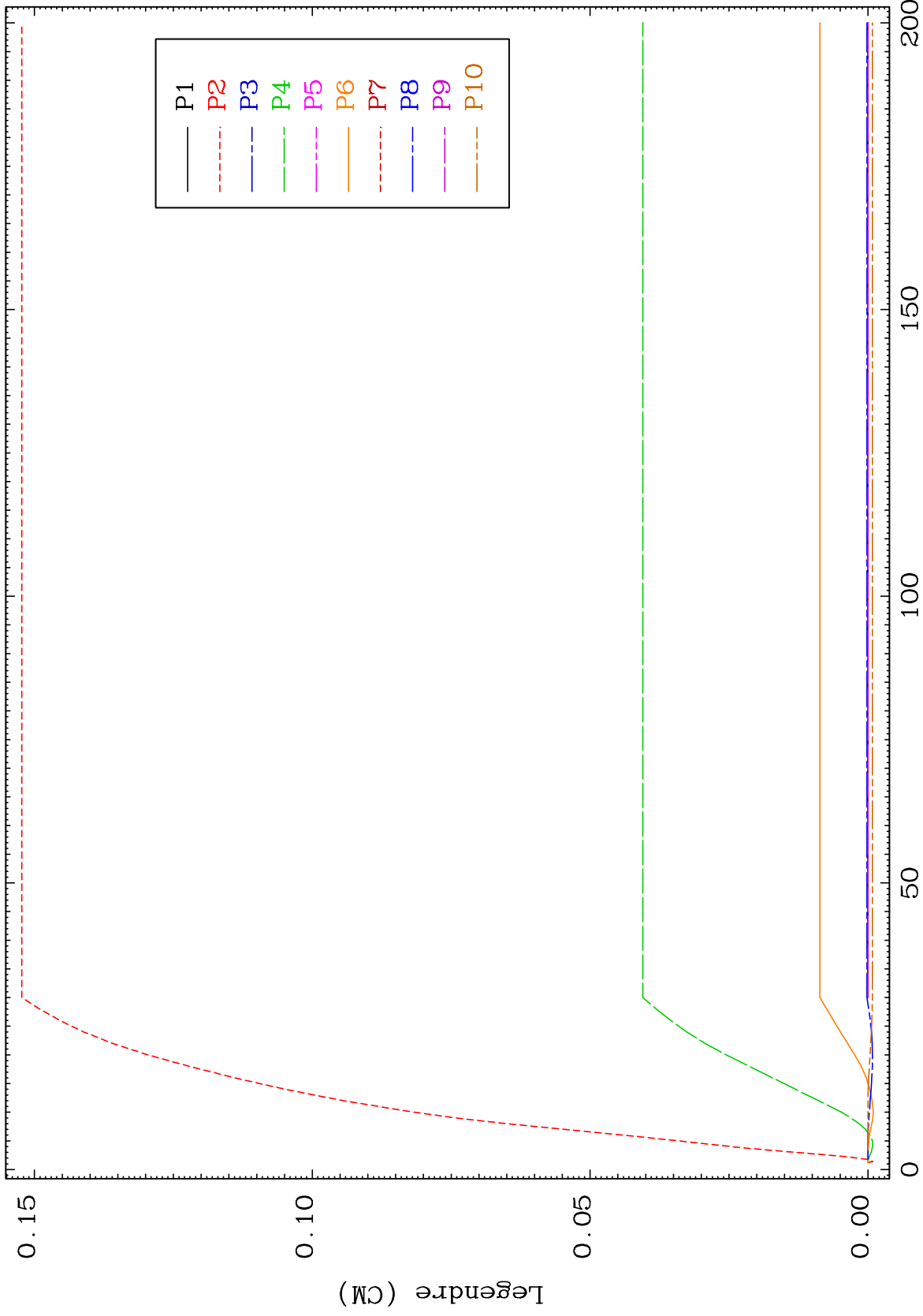
98

37-Rb-84

MAT 3722

MT= 76 (n,n') Level
Legendre Coefficients

37-Rb-84



99

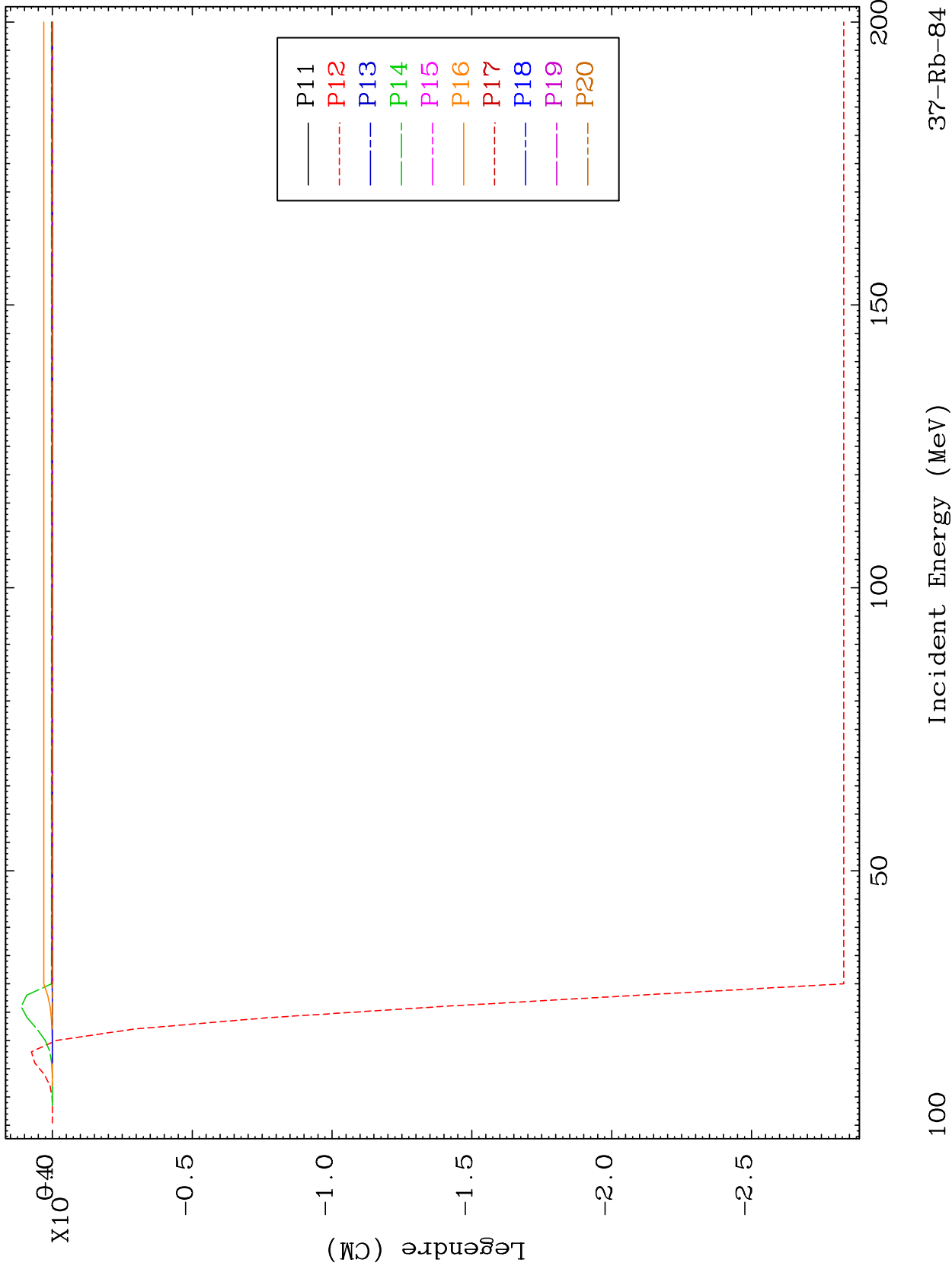
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 76 (n,n') Level
Legendre Coefficients

37-Rb-84



100

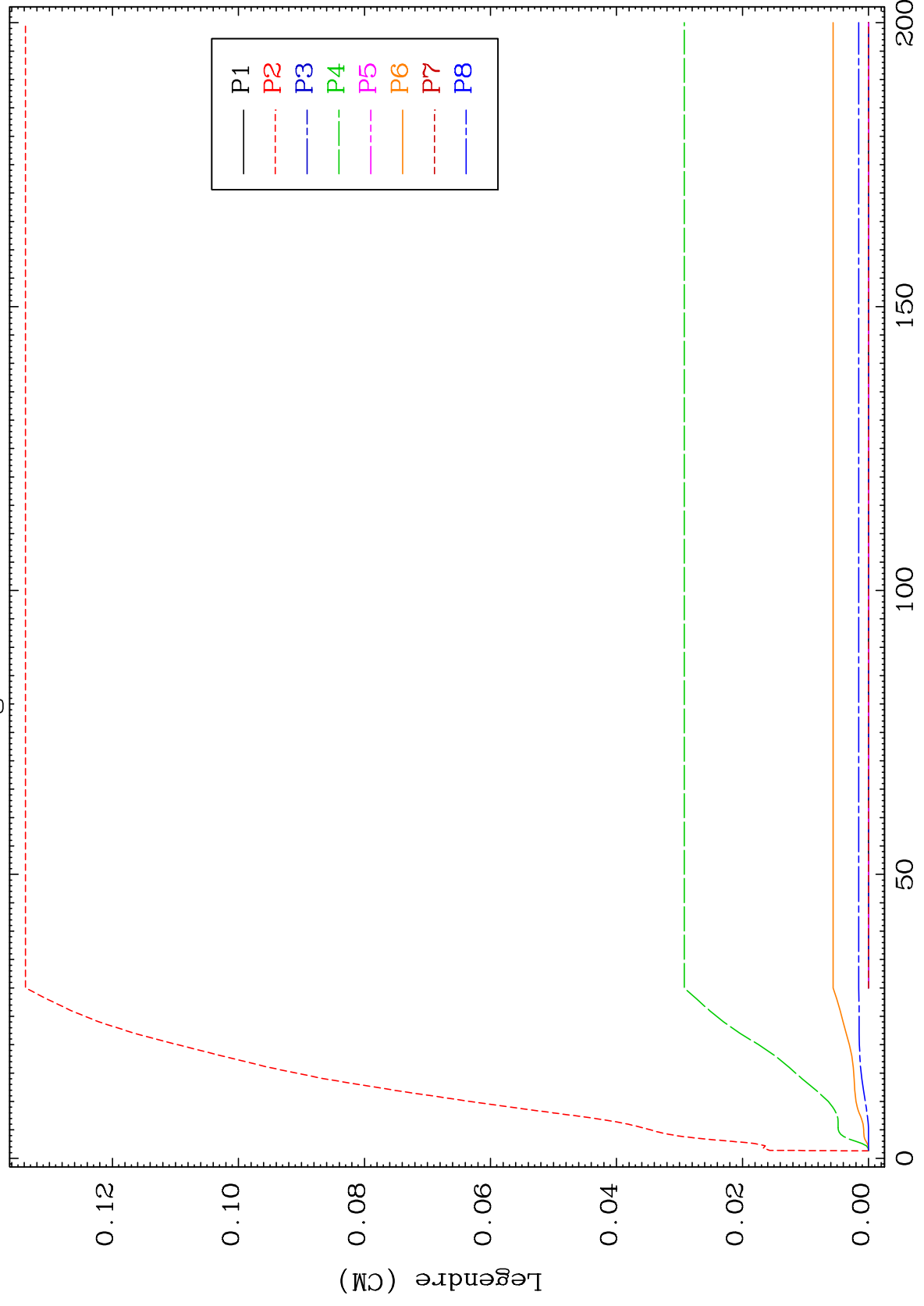
Incident Energy (MeV)

37-Rb-84

MAT 3722

MT= 77 (n,n') Level
Legendre Coefficients

37-Rb-84



37-Rb-84

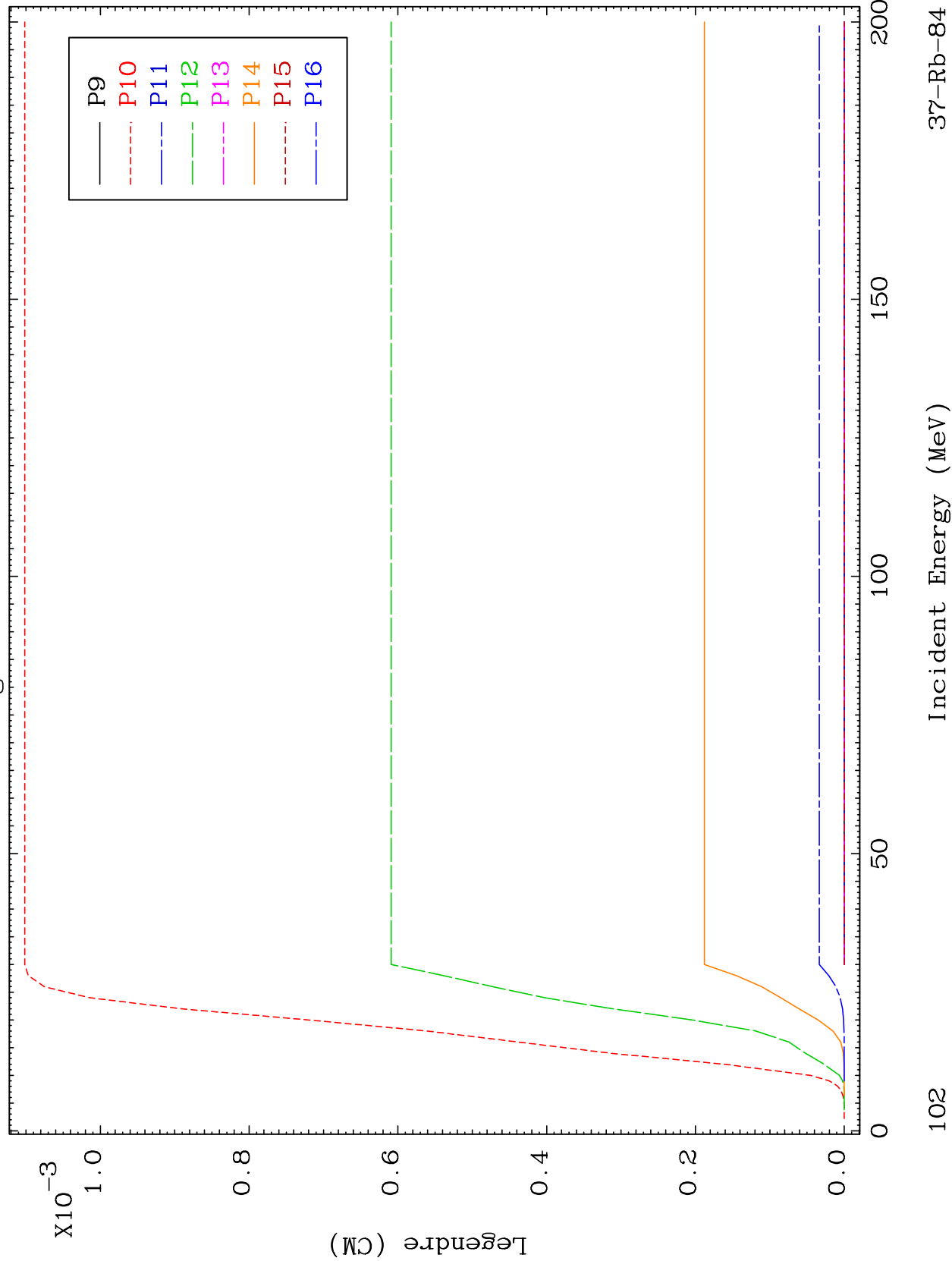
Incident Energy (MeV)

101

MAT 3722

MT= 77 (n,n') Level
Legendre Coefficients

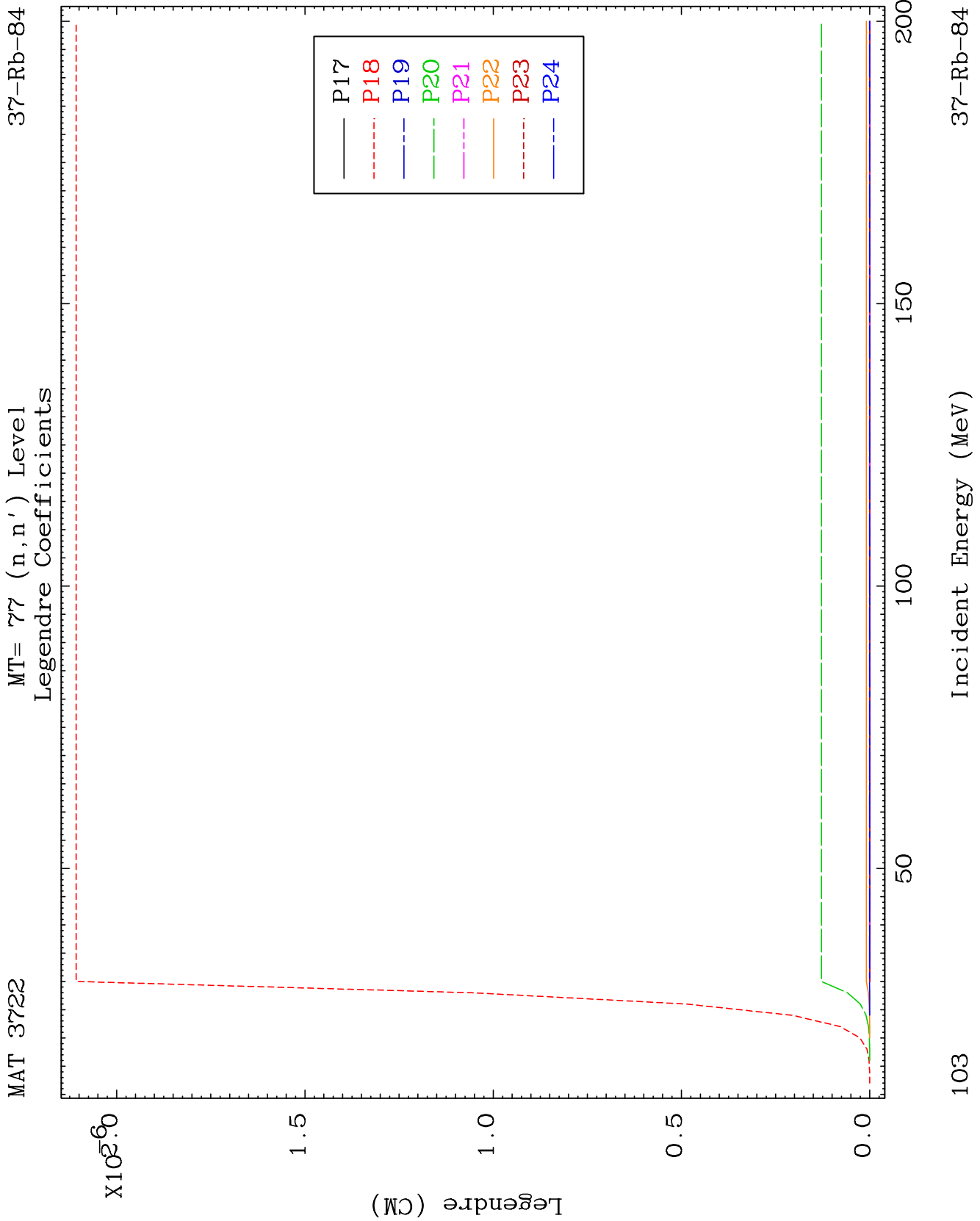
37-Rb-84



37-Rb-84

Incident Energy (MeV)

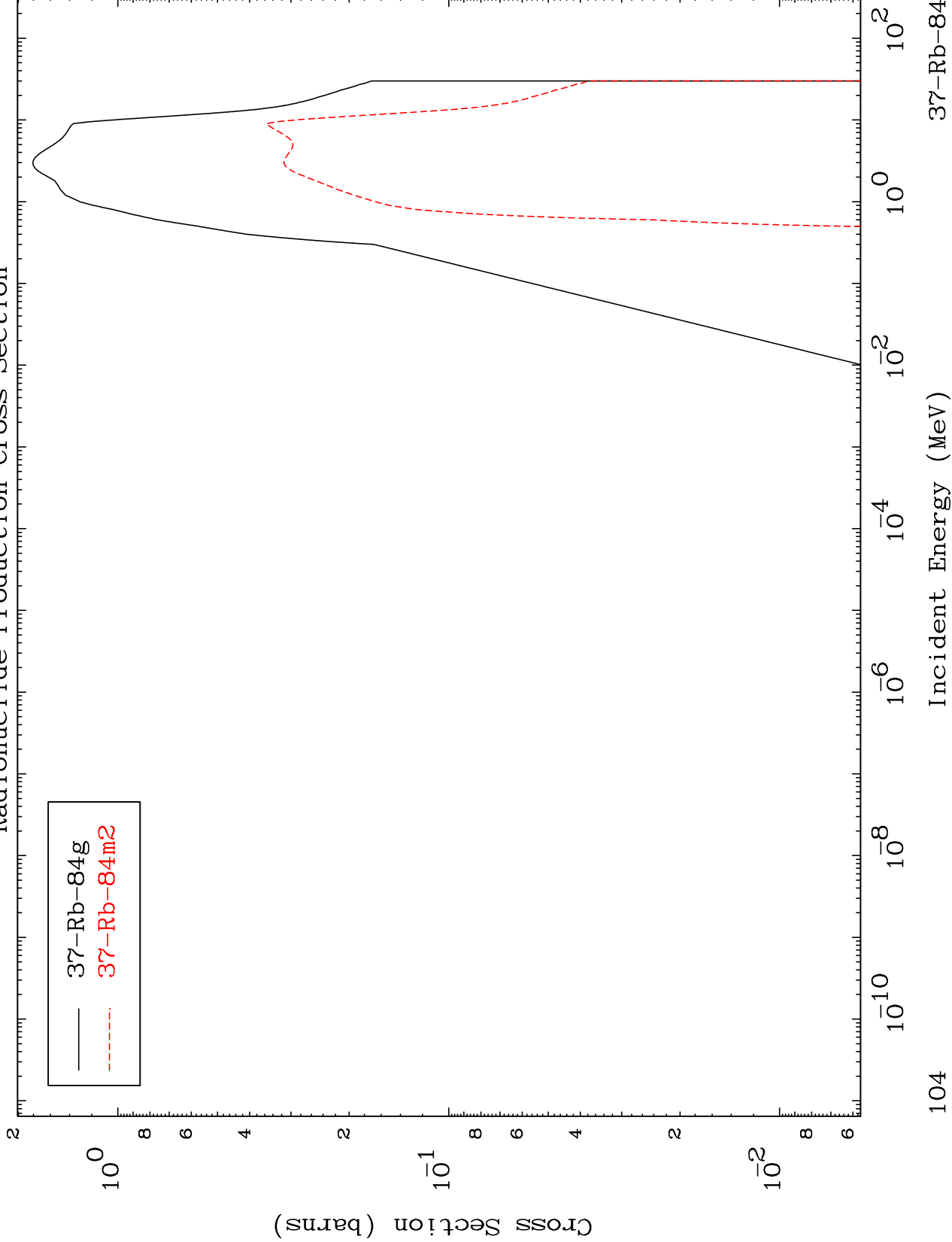
102



MAT 3722

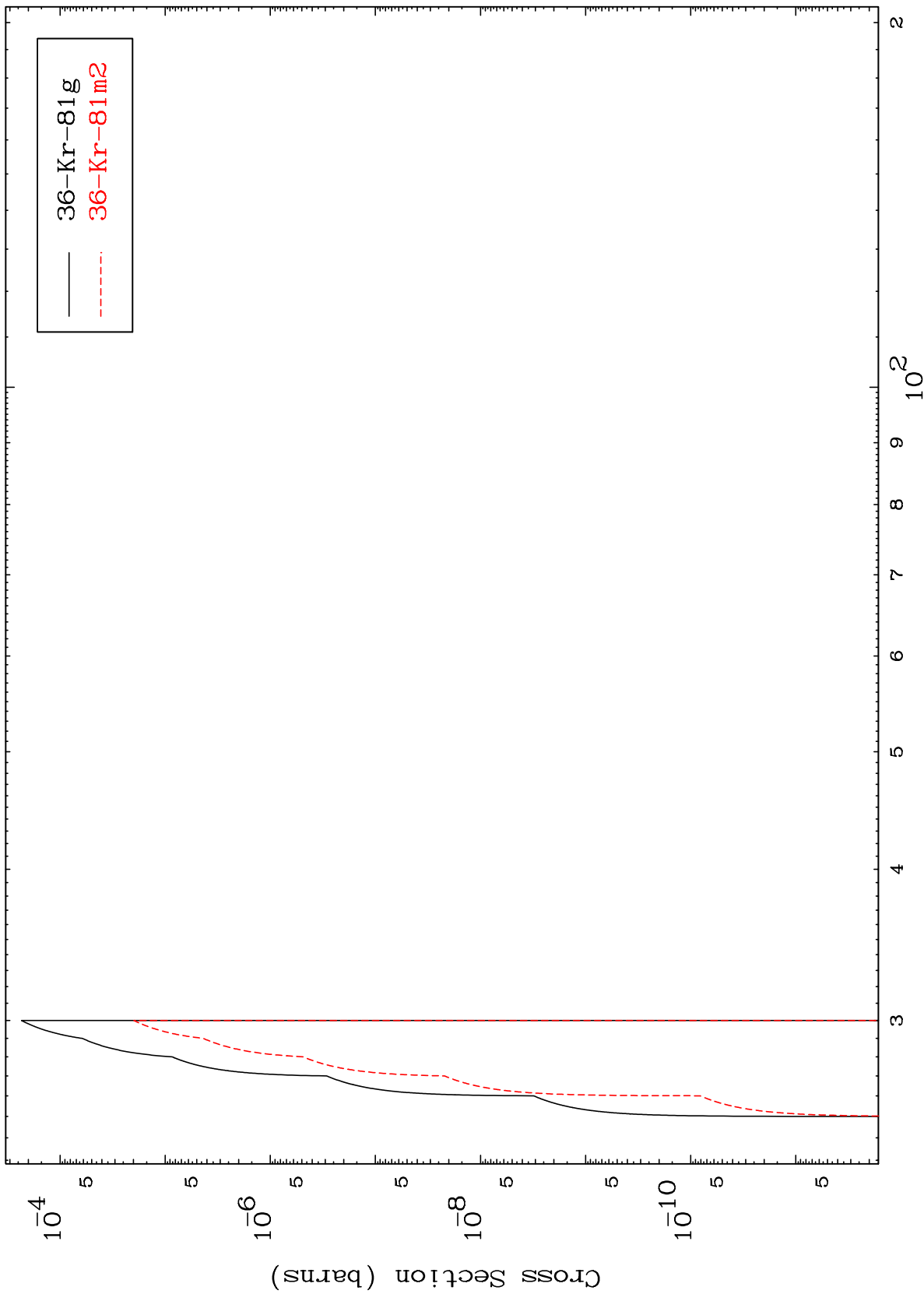
Inelastic
Radionuclide Production Cross Section

³⁷Rb-84



— 37-Rb-84g
- - - 37-Rb-84m2

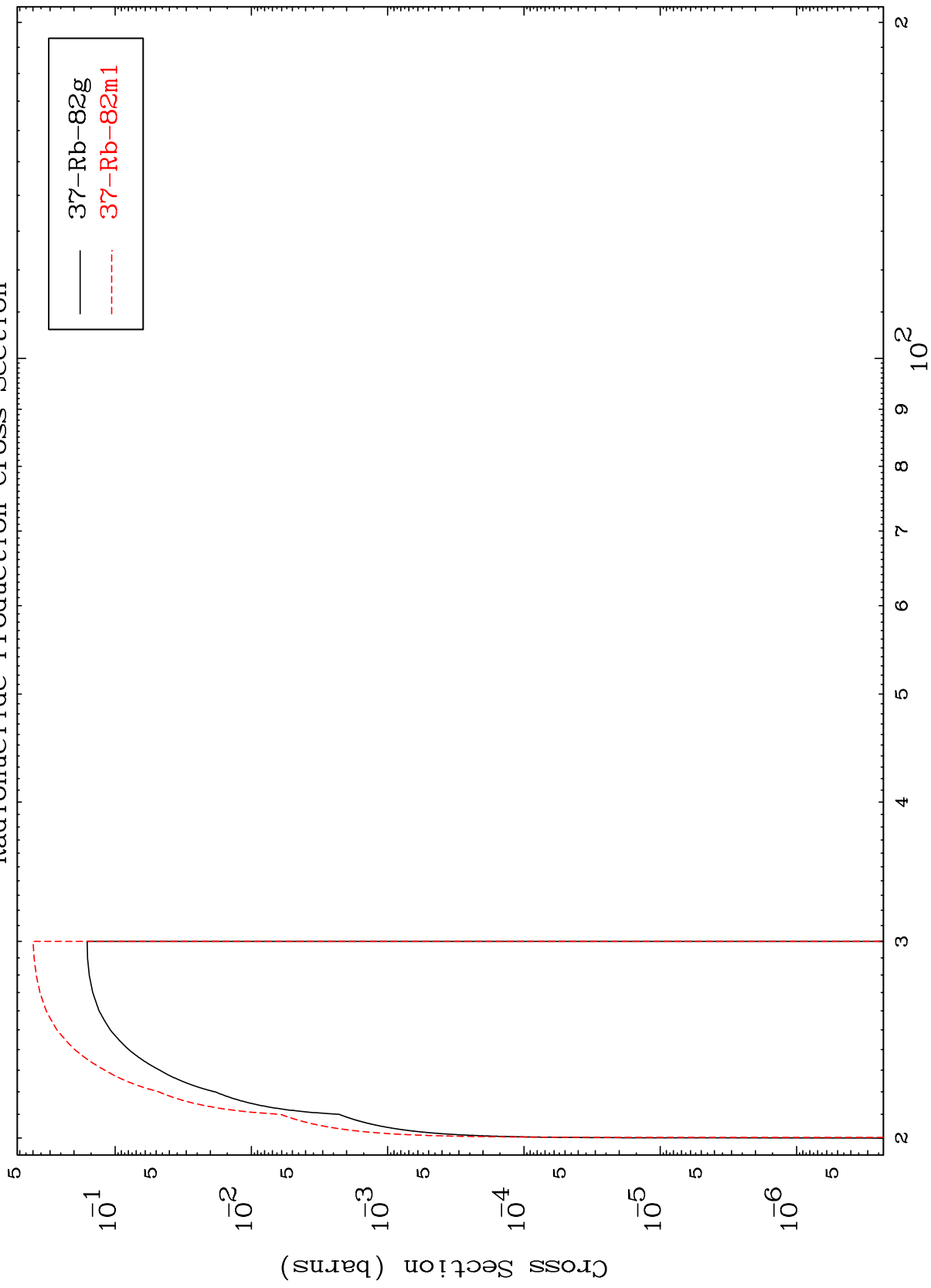
Radionuclide Production Cross Section



MAT 3722

37-Rb-84

(n,3n)
Radionuclide Production Cross Section



106

Incident Energy (MeV)

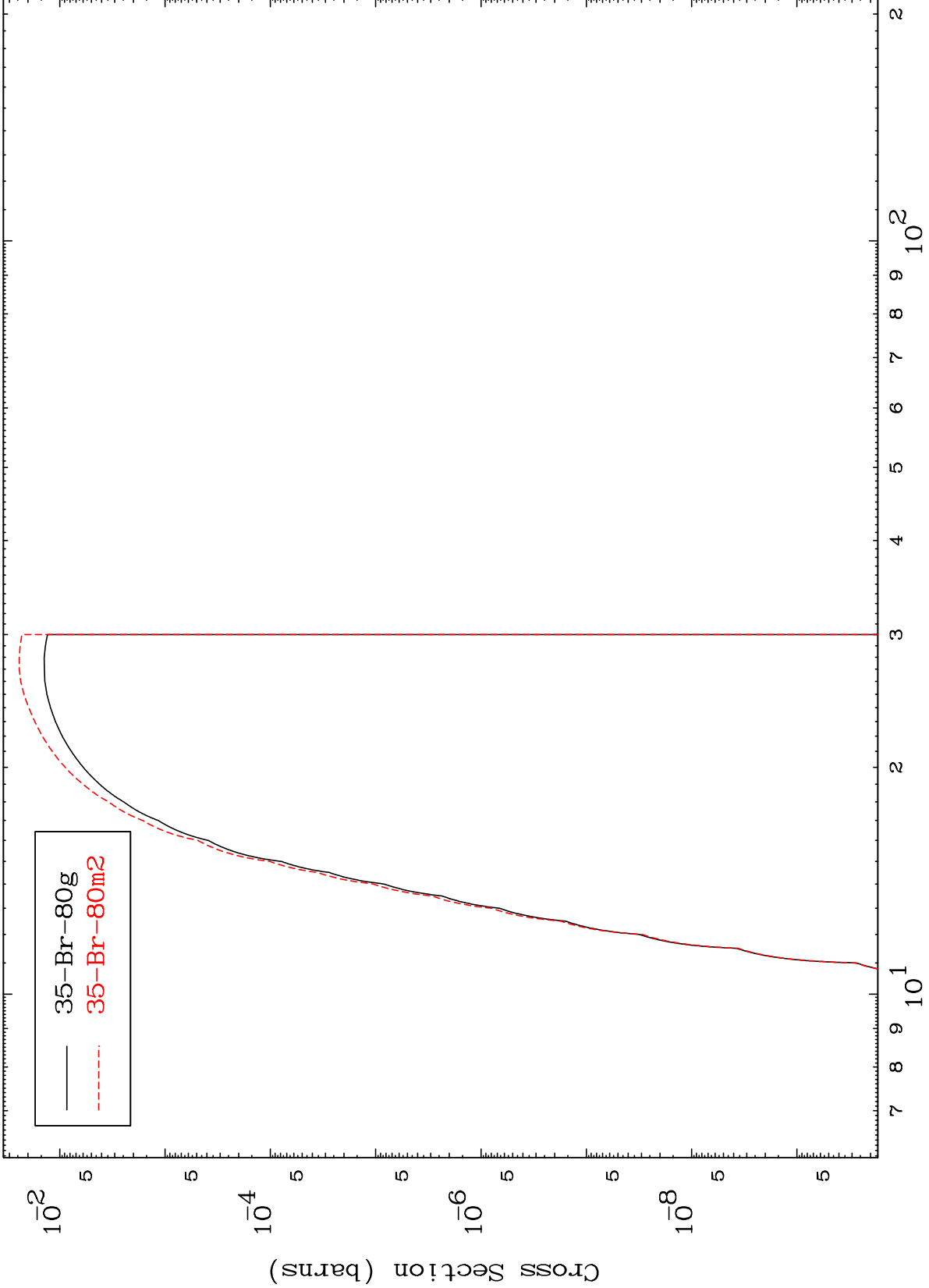
37-Rb-84

MAT 3722

37-Rb-84

(n,n') α

Radionuclide Production Cross Section



107

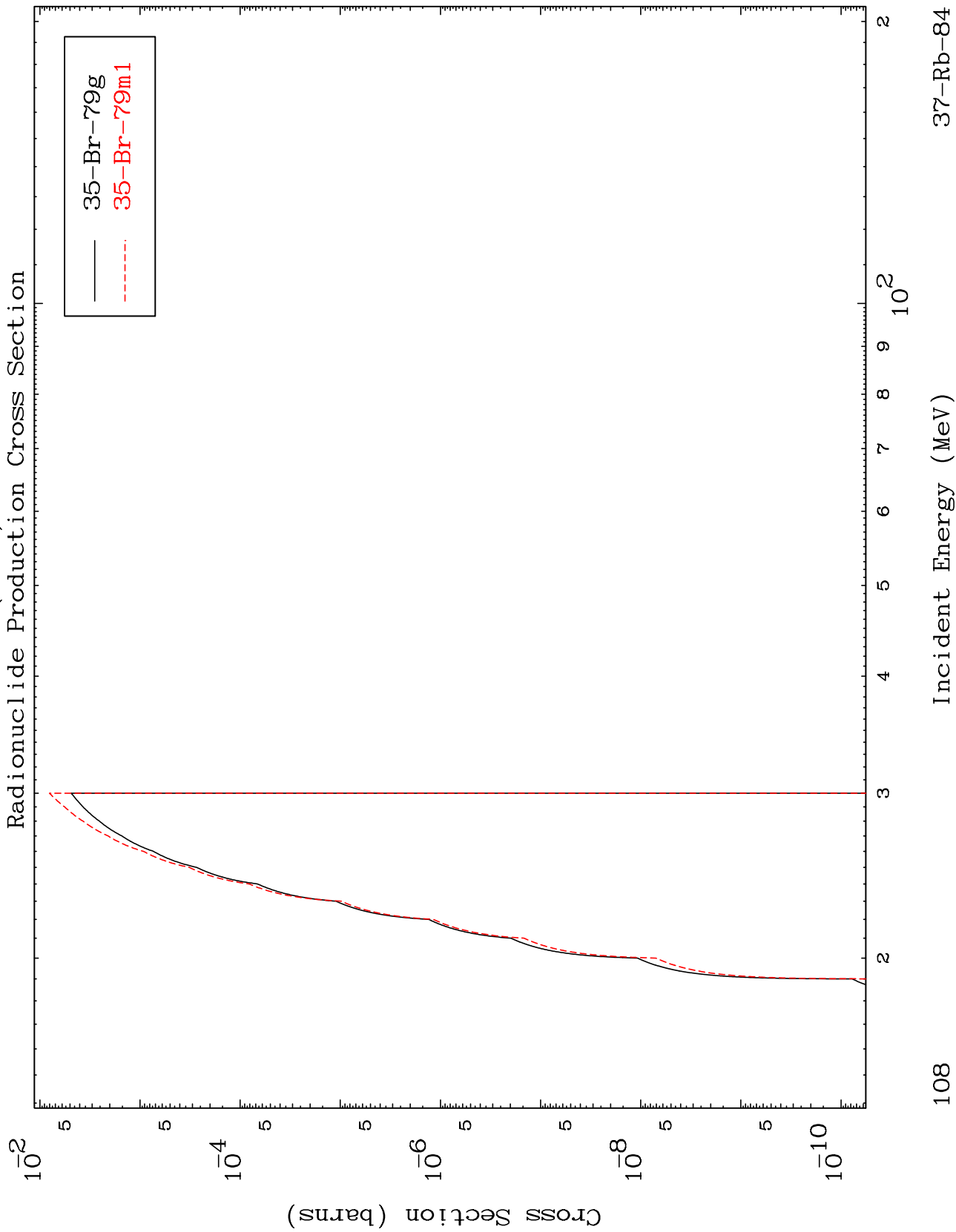
Incident Energy (MeV)

37-Rb-84

MAT 3722

$(n,2n) \alpha$

37-Rb-84



108

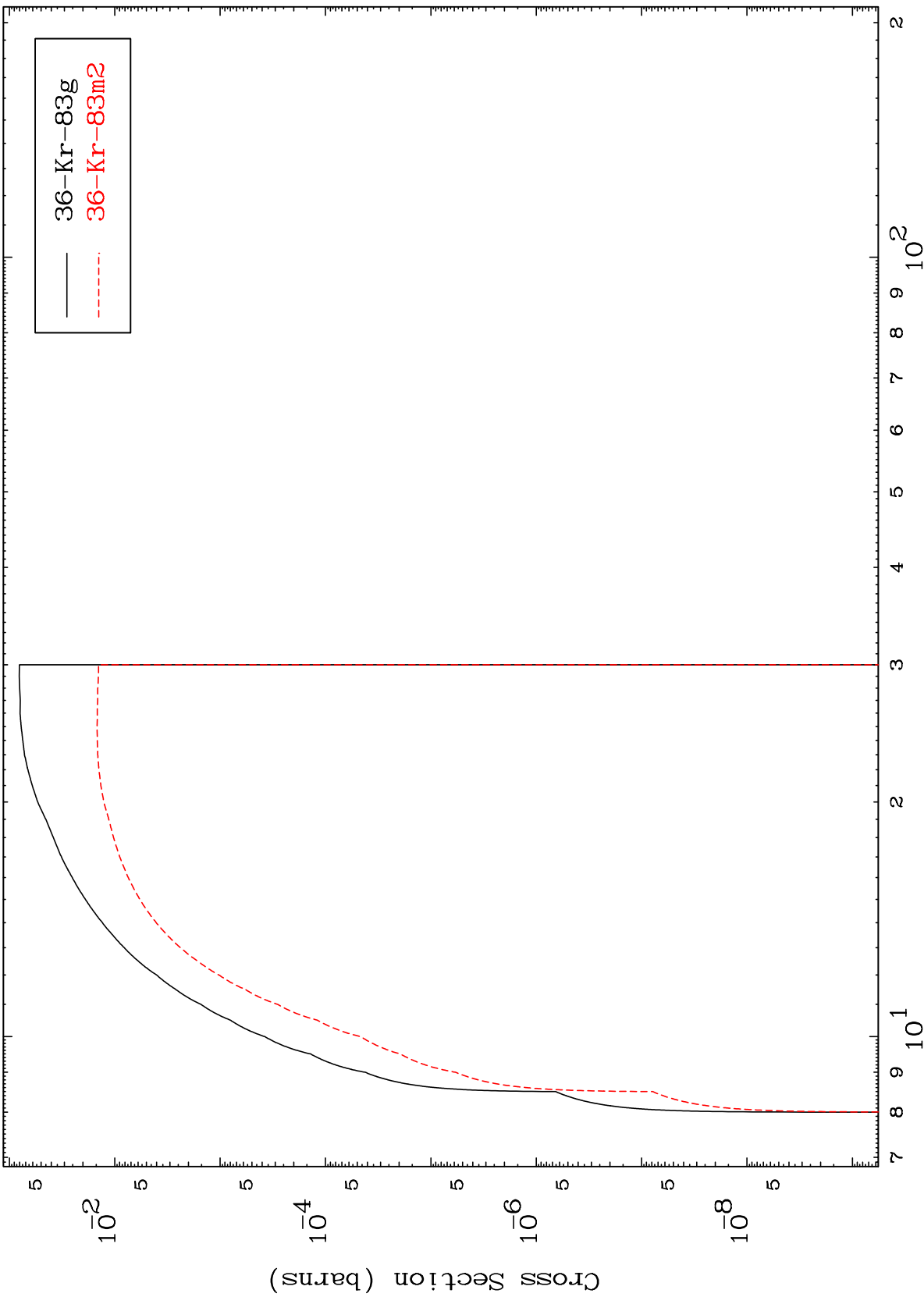
37-Rb-84

MAT 3722

(n,n') p

37-Rb-84

Radionuclide Production Cross Section



109

Incident Energy (MeV)

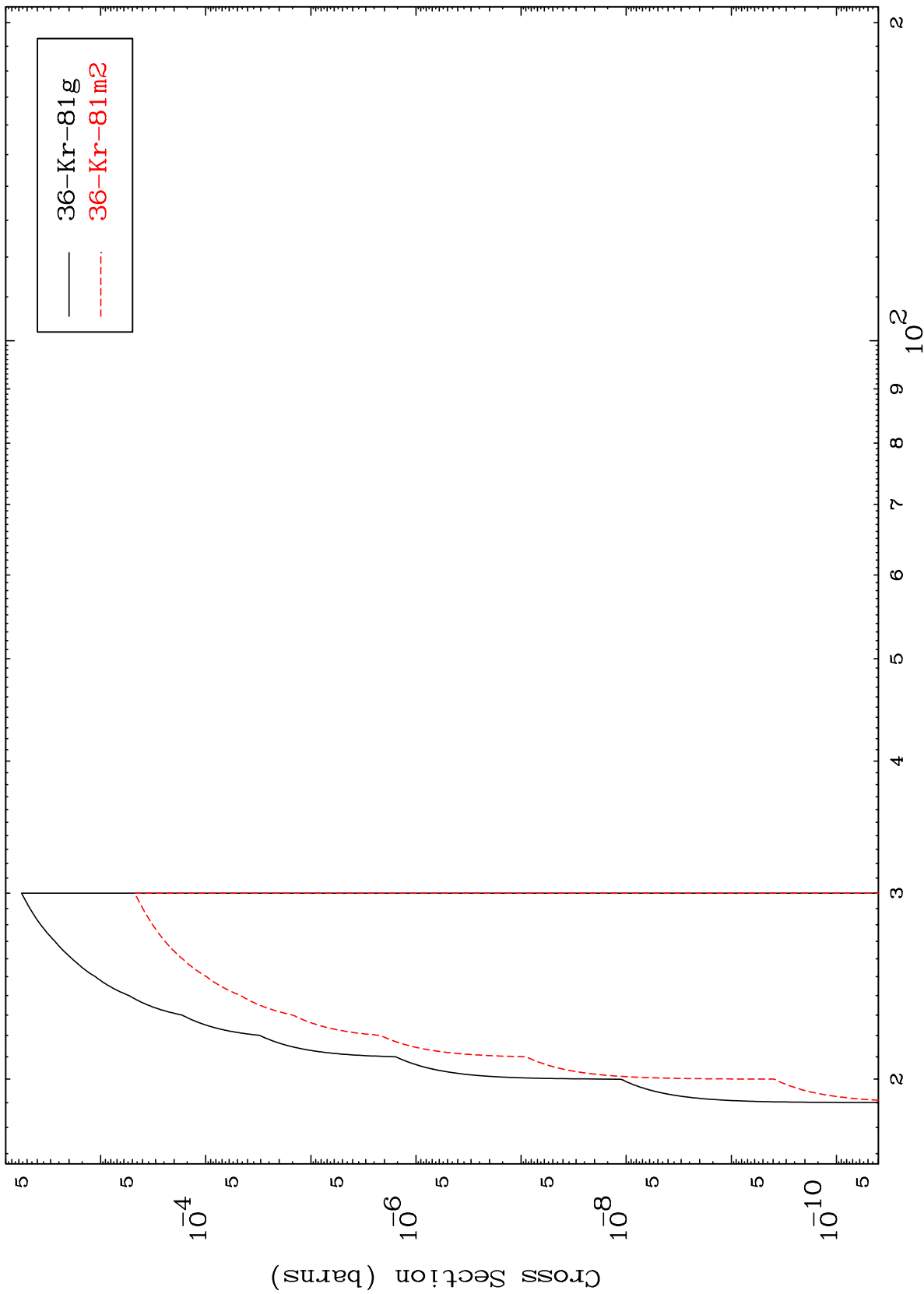
37-Rb-84

MAT 3722

(n,n') t

37-Rb-84

Radionuclide Production Cross Section



110

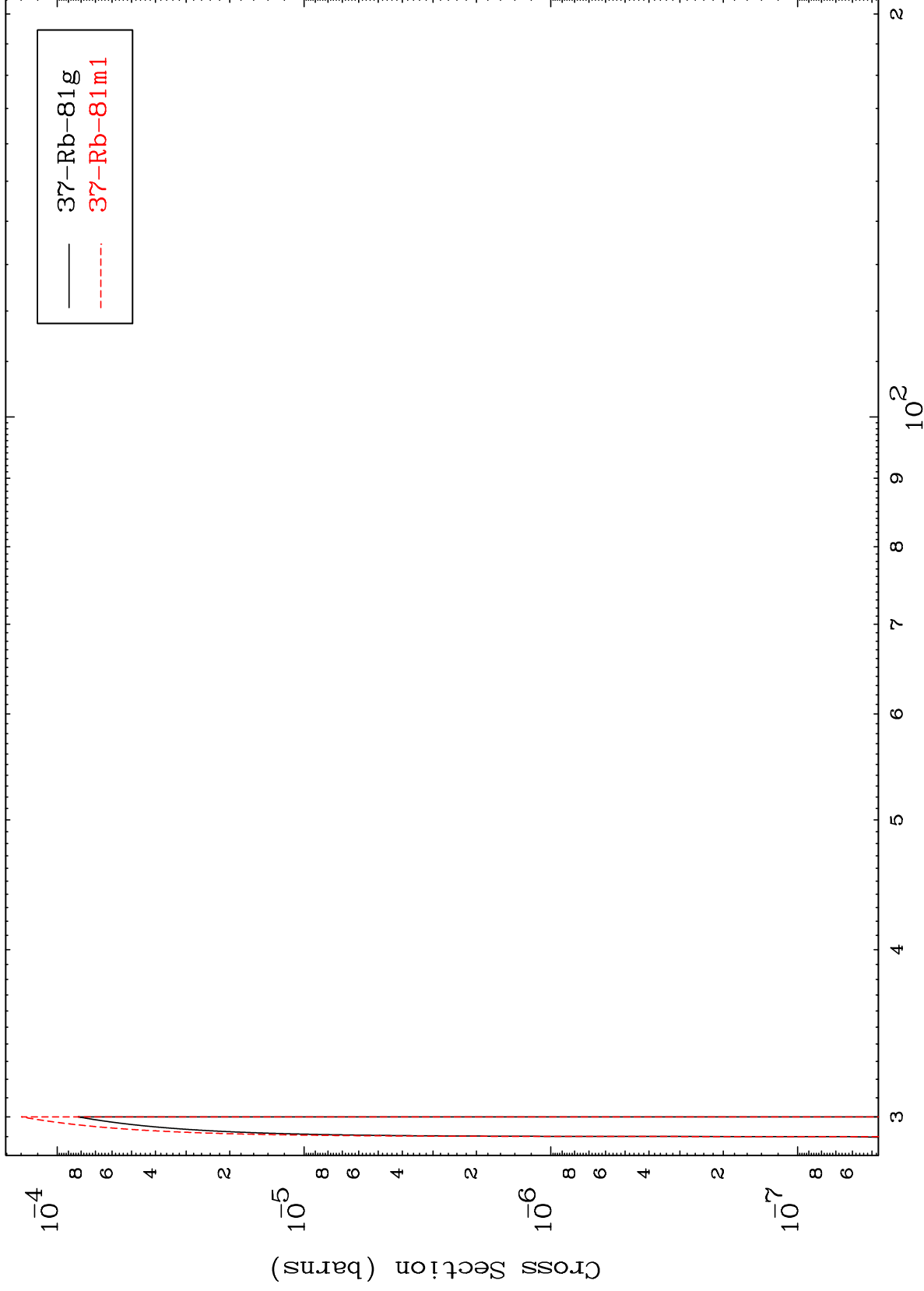
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,4n)
Radionuclide Production Cross Section

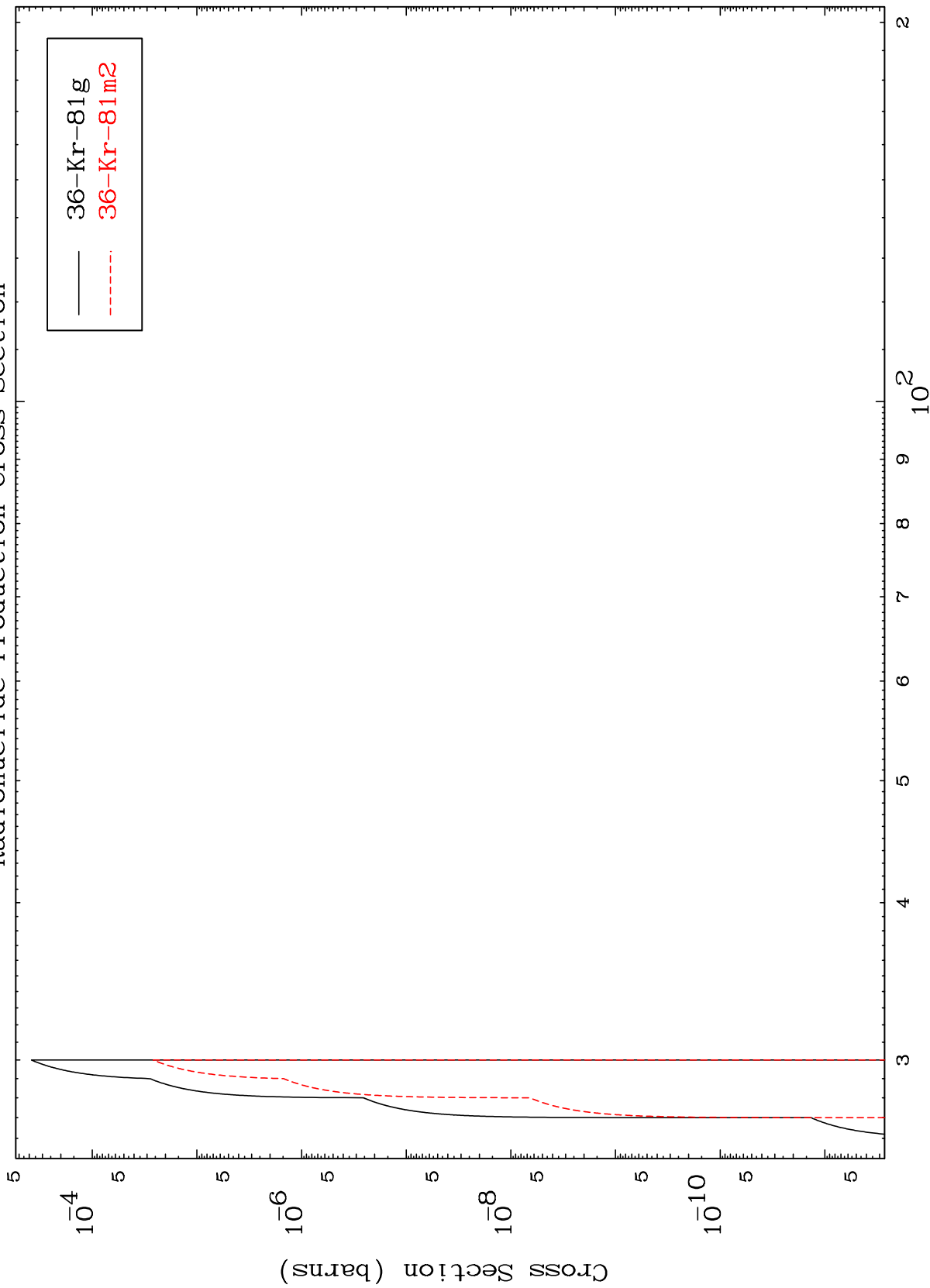


111

Incident Energy (MeV)

37-Rb-84

Radionuclide Production Cross Section



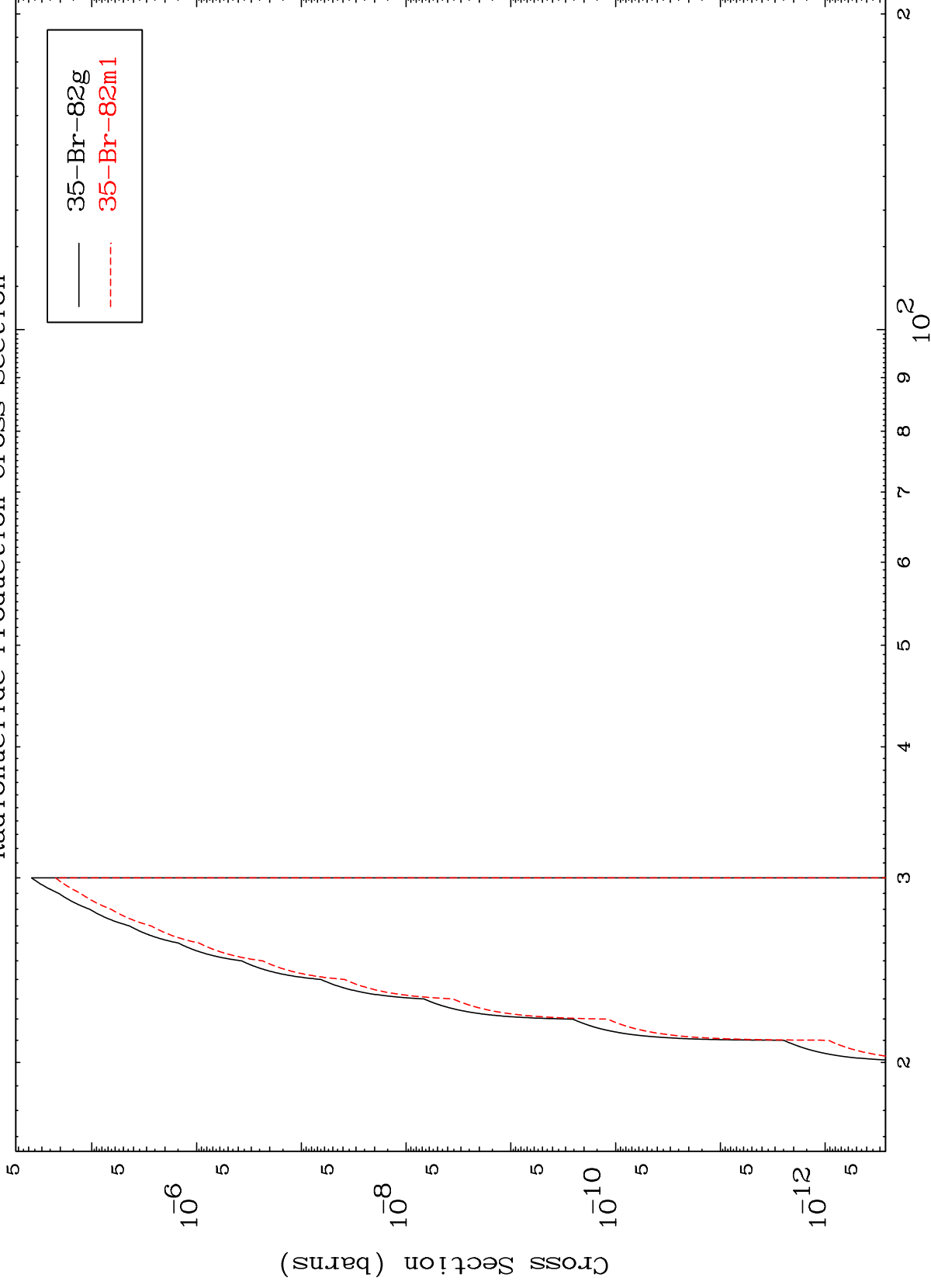
36-Kr-81g
36-Kr-81m2

MAT 3722

(n,2n) p

37-Rb-84

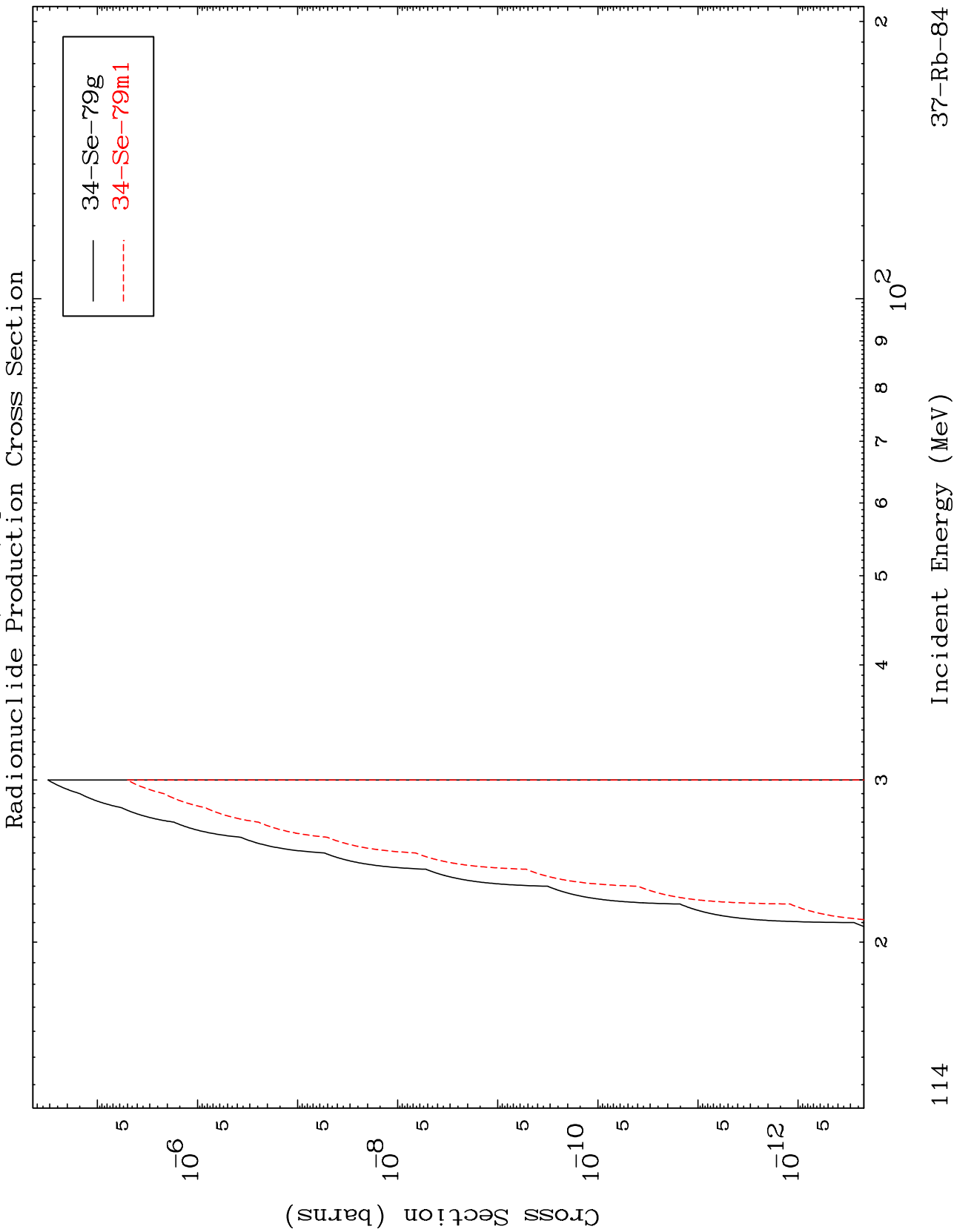
Radionuclide Production Cross Section



113

Incident Energy (MeV)

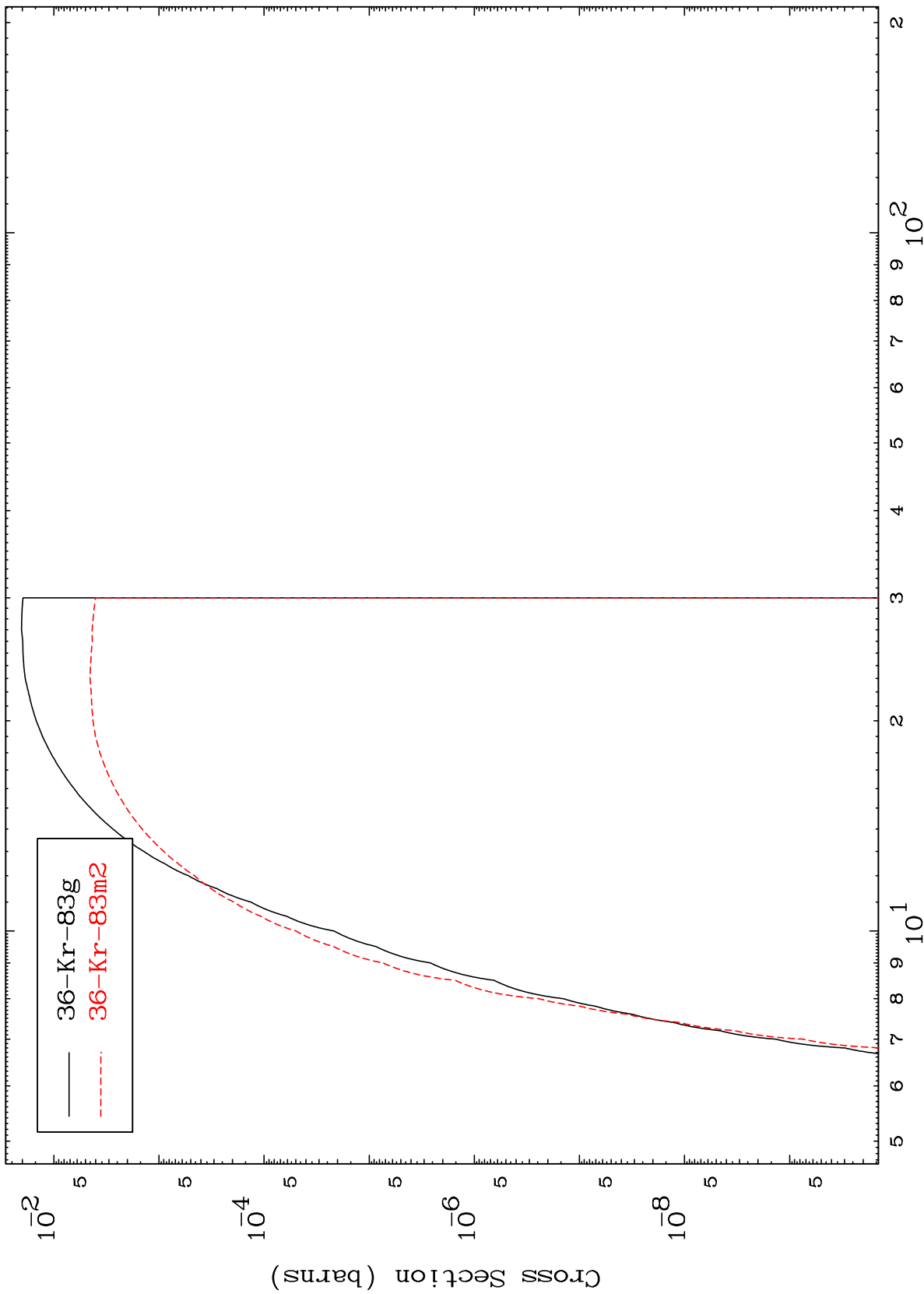
37-Rb-84



MAT 3722

37-Rb-84

(n,d)
Radionuclide Production Cross Section



115

Incident Energy (MeV)

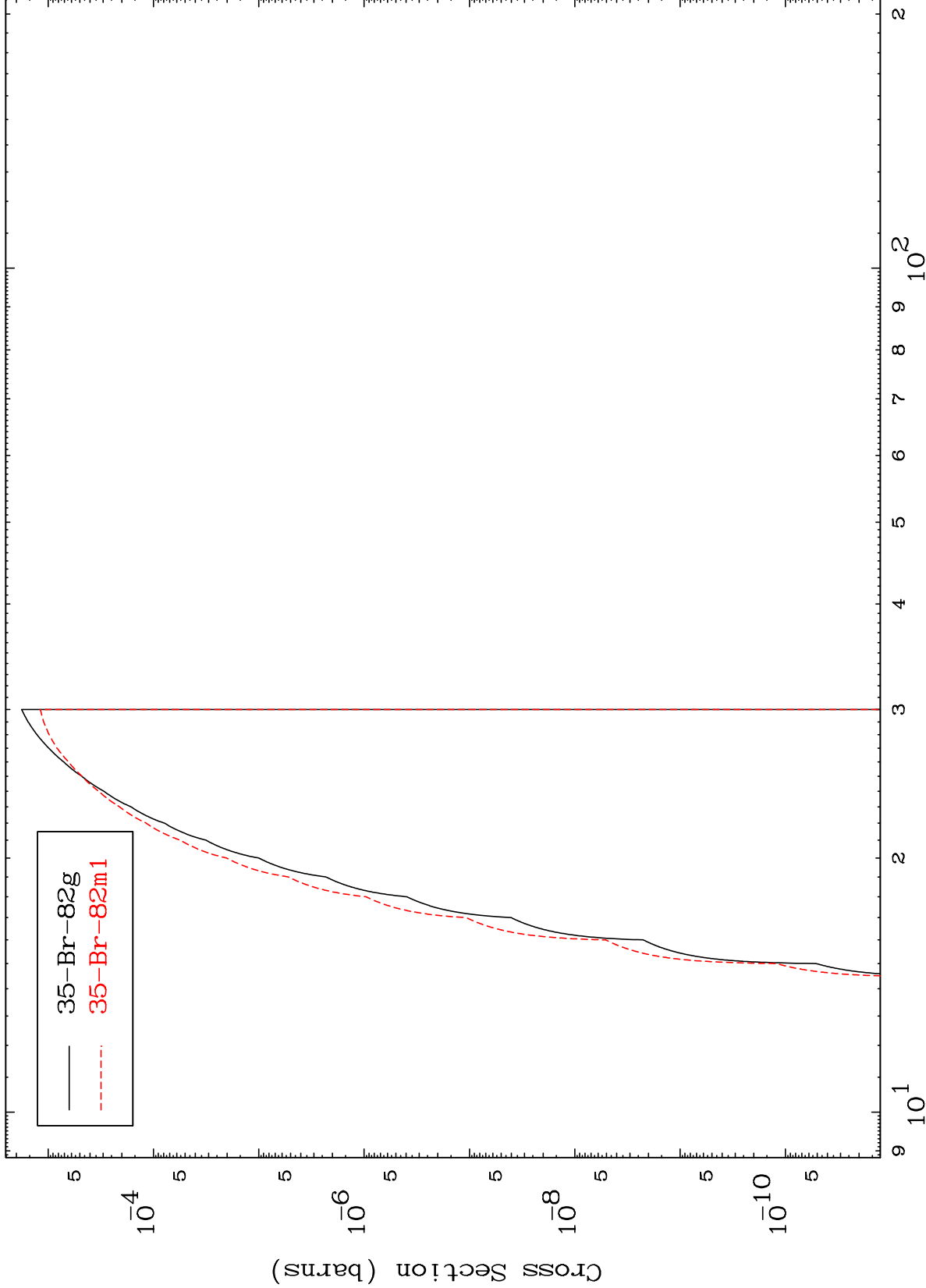
37-Rb-84

MAT 3722

(n,He-3)

37-Rb-84

Radionuclide Production Cross Section



35-Br-82g
35-Br-82m1

116

Incident Energy (MeV)

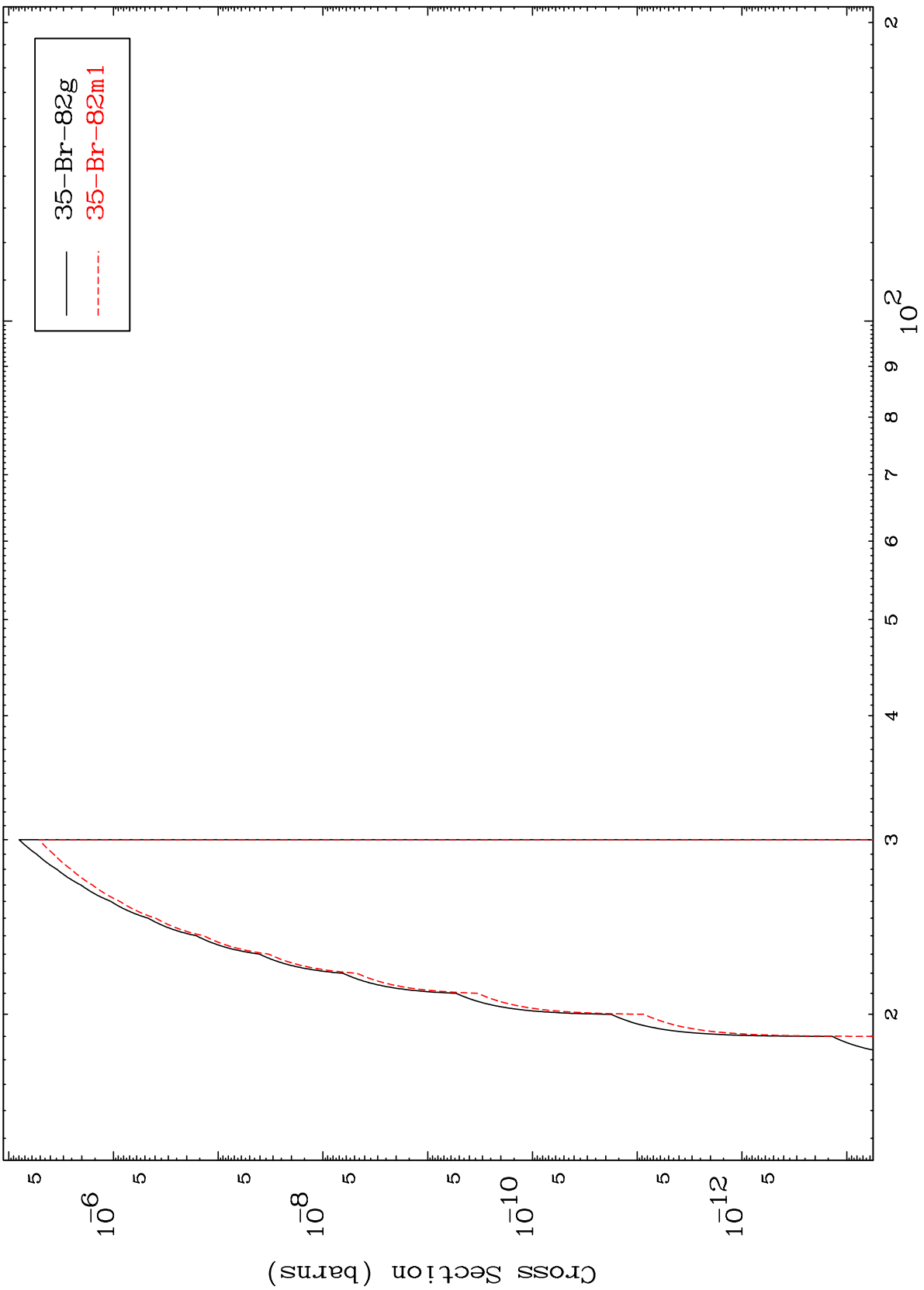
37-Rb-84

MAT 3722

(n,p) d

37-Rb-84

Radionuclide Production Cross Section



117

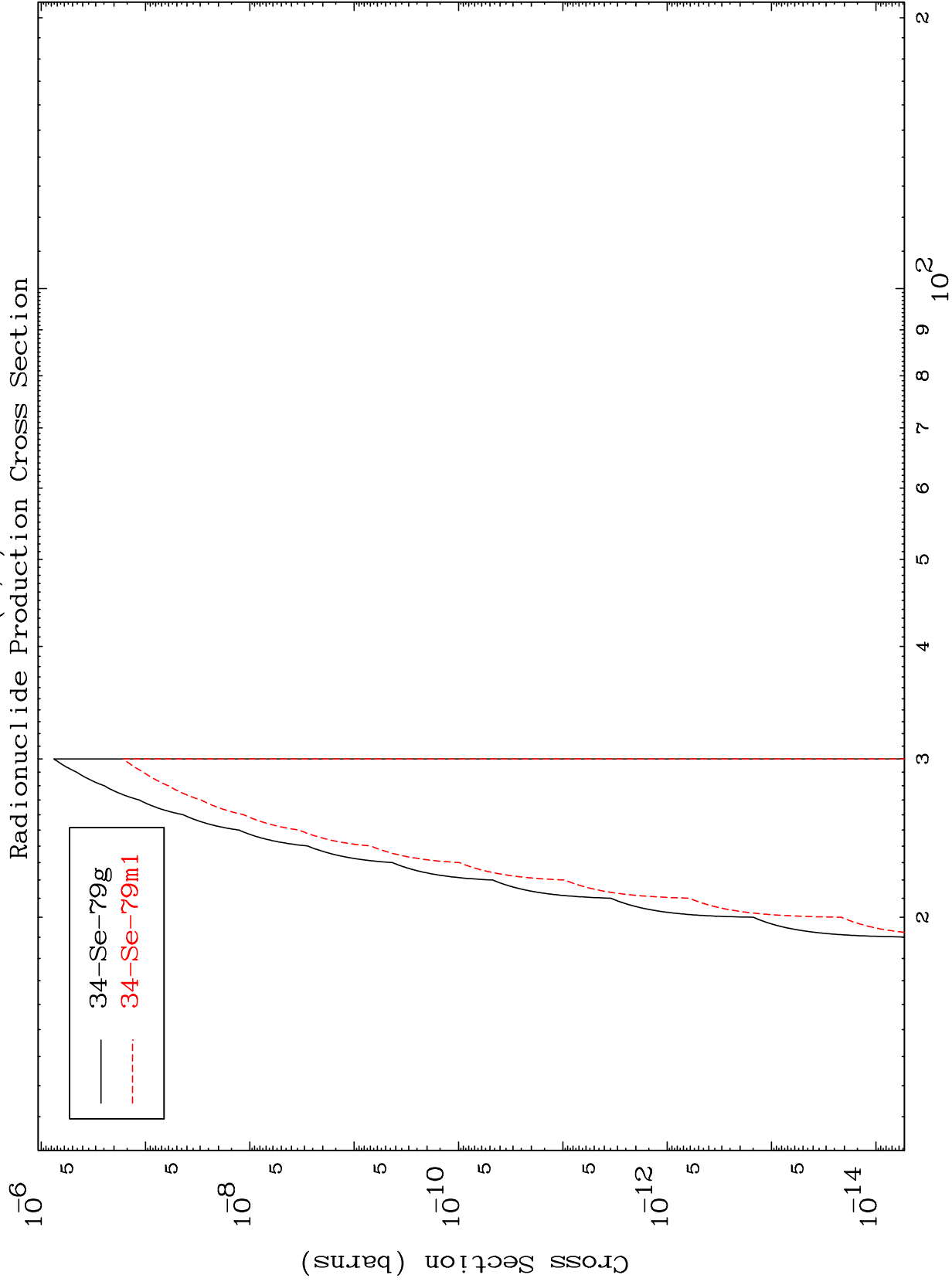
Incident Energy (MeV)

37-Rb-84

MAT 3722

37-Rb-84

(n,d) α
Radionuclide Production Cross Section



37-Rb-84

Incident Energy (MeV)

118